FT PARTNERS FINTECH INDUSTRY RESEARCH

May 14, 2018



Robinhood Raises \$363 million in Series D Financing led by DST Global





The Only Investment Bank Focused Exclusively on FinTech

FT Partners Overview

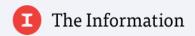
- Financial Technology Partners ("FT Partners") was founded in 2001 and is the only investment banking firm focused exclusively on FinTech
- FT Partners regularly publishes research highlighting the most important transactions, trends and insights impacting the global Financial Technology landscape. Our unique insight into FinTech is a direct result of executing hundreds of transactions in the sector combined with over 15 years of exclusive focus on Financial Technology

FT Partners' Advisory Capabilities



FT Partners' FinTech Industry Research





Named Silicon Valley's #1 FinTech Banker (2016) and ranked #2 Overall by The Information



Ranked #1 Most Influential Person in all of FinTech in Institutional Investors "FinTech Finance 40"



Numerous Awards for Transaction Excellence including "Deal of the Decade"

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Transaction Summary



Transaction Summary

- On May 10, 2018, Robinhood announced it had secured approximately \$363 million in Series D financing led by DST Global
 - Other participants include new investors Iconiq Capital, CapitalG, Sequoia and KPCB, as well as existing investors NEA and Thrive Capital
 - Previously, The Wall Street Journal reported on March 15, 2018 that Robinhood was in the final stages of securing approximately \$350 million in Series D financing (1)
 - This transaction values the Company at \$5.6 billion
 - A little less than a year ago, Robinhood's \$110 million Series C round valued the Company at \$1.3 billion, according to TechCrunch (2)
 - The Series D round was led by current investor, DST Global
 - This Series D round brings Robinhood's total funding to date to \$526 mm
- This round was driven by Robinhood's strong user growth, which has roughly doubled to 4 million since the Company's last financing round in April 2017, and the recent launch of several products (1)
 - Robinhood Crypto
 - Over 1 million users waitlisted for access to the product just 5 days after the initial launch
 - Robinhood Web
 - Robinhood Options Trading
- The latest valuation puts Robinhood among the top 15 highest-valued private technology companies in the United States and values the Company at a little more than a third of the traditional financial trading competitor, E*Trade Financial (1)

Robinhood Fees Compared to Other Players

| Company | Trading Fees (\$) | Minimum Deposit (\$) |
|-------------------|-------------------|----------------------|
| robinhood | \$0 | \$0 |
| S Folio Investing | 4.00 | 0 |
| charles SCHWAB | 4.95 | 1,000 |
| Fidelity. | 4.95 | 2,500 |
| TradeKing | 4.95 | 5,000 |
| Ameritrade | 6.95 | 0 |
| E XTRADE | 6.95 | 500 |

Robinhood's Valuation Compared to Other Players

| Company | Market Cap / Valuation |
|---------------------------------------|------------------------|
| | (\$ in bn)* |
| robinhood | \$5.6 |
| S Folio Investing [*] | na |
| charles schwaв | 75.4 |
| Fidelity | na |
| TradeKing | 0.3^ |
| D Ameritrade | 34.7 |
| E*TRADE | 15.2 |

^{*} Market Cap as of March 20, 2018

[^]Ally Financial acquired TradeKing in April 2016 for \$275 million

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Robinhood Overview



Company Overview



Founders:

Vladimir Tenev, Baiju Bhatt

Headquarters:

Palo Alto, CA

Founded: 2012

- Robinhood provides a new way to invest in the stock market through a mobile, no-fee trading platform
 - The Company's mission is to democratize access to the financial markets
 - Robinhood wants to empower the millennial generation to take greater ownership in their financial future to help shrink the wealth gap between the "haves" and "have nots"

4 million Users on Platform

\$100 billion in transaction volume on Platform

Co-Founders



Baiju Bhatt



Vladimir Tenev

Products & Services Overview



Robinhood Crypto

- Ability to trade cryptocurrencies, stocks, ETFs, and options in one place
- Instant access to funds
- Secure and trusted platform

Robinhood Instant

- Instant access to deposits and immediate access to funds
- Transfer up to \$1,000 instantly
- Eliminates the friction from settlement periods or bank transfers







Robinhood for Web

- · Curated data feeds by sector and categories according to interest
- Wall Street analysts ratings
- Previous FPS hits or misses

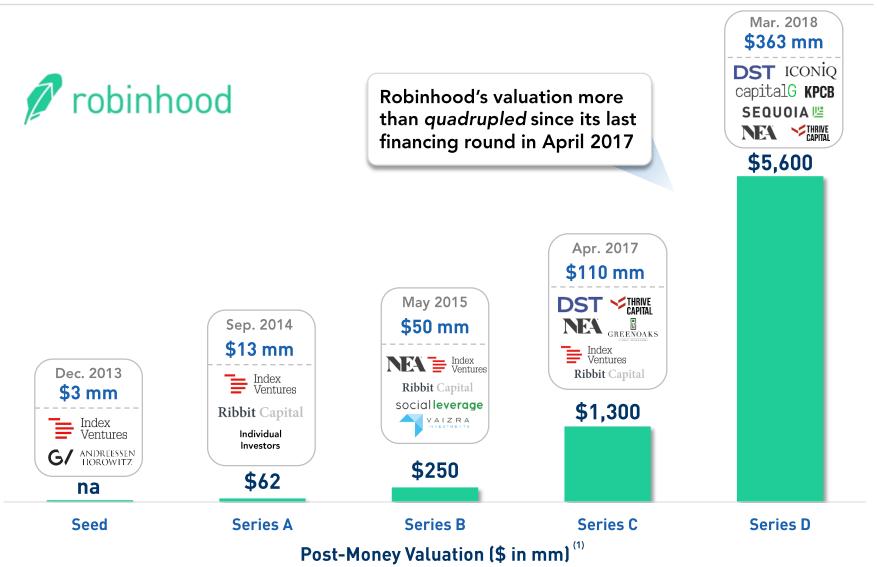
Robinhood Options Trading

- Buy calls and puts
- Allows users to take larger positions with less funds
- Being release in trial waves throughout 2018



Robinhood Financing / Valuation History





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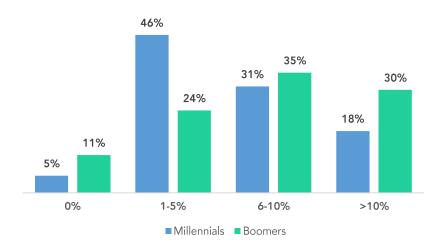
The Millennial Market



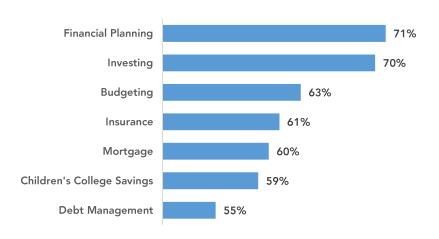
The Opportunity

- Robinhood, along with many other tech-focused financial planning, investment and banking providers, is attempting to capitalize on Millennials, a largely untapped source of assets
- According to Accenture, Millennials are set to inherit approximately \$30 trillion from their baby boomer parents and grandparents
- However, 60% of Millennials say they distrust financial markets (1)
 - In fact, Millennials are saving very small percentages of their income ⁽³⁾
 - Cash is estimated to make up the majority of Millennials' assets while making up less than a quarter of non-Millennials' assets (2)
 - This is generally attributed to the Dot-Com Bubble and the Great Recession playing a large role in their childhood and young adulthood ⁽¹⁾
- The result is a huge opportunity for firms to gain market share by appealing to the Millennial generation
- · Firms are attempting to tackle this market in a multitude of ways:
 - Online trading fees are the lowest they've ever been, with platforms such as Robinhood even offering free trading
 - Mobile trading platforms, market analysis tools, robo-advisors and trading-based social networks are appealing to the Millennials' tech-savvy attitudes
 - Firms like LearnVest are offering a more holistic personal finance system that takes the focus off market risk and places it on financial planning

Percentage of Income Currently Saving (3)



Types of Advice Millennials are Interested In [2]



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robinhood

DST Global Overview

Overview

DST



Yuri Milner Founder, President



Tom Stafford
Managing Partner



Rahul Mehta Partner



Saurab Gupta Partner

Locations

• Moscow, Russia

Hong Kong

About

- Founded in 2005 as Digital Sky Technologies by Russian entrepreneur Yuri Milner
- Invests in venture- and growth-stage companies, specializing in fast-growing internet businesses
- Has invested in some of the most recognizable internet and consumer companies in the world, including Facebook, Groupon, Twitter, Zynga, Airbnb and Spotify
- Prefers to invest in late-stage companies with enterprise values greater than \$500 mm

Investment Preferences

Investment Criteria

Fund Size: \$1,700 mm

Fund Raised: NA

Investment Range: \$5 mm+

Revenue: NA

EBITDA: NA

General Preferences 1

Control: Minority

Geography: US, China, Europe

Transaction Type: Venture, Growth,

Secondary

Industry Focus: Commercial

Services, Mobile, Media, Retail, Software, E-Commerce

Selected Recent Investments / Exits

FinTech / Financial Services Investments²

| | | | _ | |
|-------|---|------------------------|-------------|---------|
| Date | Company | Deal Amt. ³ | Board Rep. | Sector |
| 03/18 | Robinhood (Series D) | \$350 | NA | CapMkts |
| 03/18 | Nubank (Series E) | 150 | NA | Bnkg |
| 06/17 | Cadre (Series C) | 65 | NA | CapMkts |
| 01/17 | Funding Circle (Series E) | 100 | Yuri Milner | Bnkg |
| 12/16 | Nubank (Series D) | 80 | NA | Bnkg |
| 01/16 | Meituan-Dianping (<i>Growth</i>) | 3,300 | NA | Pymts |
| 08/15 | ZocDoc (Series D) | 152 | NA | HCIT |
| 12/14 | GreenSky (PE Growth) | 300 | NA | Bnkg |
| 06/14 | WeLab (Series A) | 20 | NA | Bnkg |
| 06/14 | Xapo (Series A) | 20 | NA | Pymts |
| 11/13 | Lending Club (Secondary)** | 57 | NA | Bnkg |
| 12/11 | Klarna (Permira)* | 155 | NA | Pymts |
| 04/10 | Groupon (Later-Stage VC)** | 135 | NA | Pymts |

Other Notable Technology Investments ²

| Date | Company | Deal Amt. ³ | Board Rep. | Sector |
|-------|----------------------|------------------------|------------|----------|
| 03/18 | Chehaoduo (Series C) | \$818 | NA | Auto |
| 11/17 | Deliveroo (Series F) | 482 | NA | E-Comm |
| 11/17 | Guazi.com (Series B) | 580 | NA | Auto |
| 08/17 | Ofo (Series E) | 700 | NA | Software |
| 05/17 | Wish (Series F) | 500 | NA | E-Comm |

Selected FT Partners' Research - Click to View



Research Report: Innovations in Capital Markets Technology

FT PARTNERS FINTECH INDUSTRY RESEARCH

Uphold Announces Financing, Key

Partnership and Acquisition

1. \$57.5 million Partnership with Greg Kidd / Hard Yaka

HARD + YAKA CORTEX MCP

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uphold



Uphold Announces Financing, Partnership and Acquisition – includes CEO Interview



Moneyfarm Acquires the Technology Assets of Ernest



S&P Global Acquires Kensho for Approximately \$550 million



Addepar's \$140 million Series D



Wealthsimple Raises \$51 million in Financing



TCA's \$275 million sale to E*TRADE



Wealthfront Raises \$75 million in Financing

VIEW MORE FT PARTNERS RESEARCH

Selected FT Partners Research - Digital Wealth Management

Are the Robots Taking Over? The Emergence of Automated Digital Wealth Management Solutions



Click to View

FT Partners' 150+ page report provides a comprehensive overview of key industry trends driving innovation in the wealth management space and how the industry is reacting to the emergence of Robo Advisors and other Digital Wealth Management disruptors.

Additional highlights of the report include:

- A discussion of the different Automated Digital Wealth Management platforms and business models
- The responses of incumbents in the wealth management space, including the innovations, partnerships and acquisitions being made to stay ahead of the game
- Interviews with eight CEOs of leading Digital Wealth pioneers including Betterment, Link Pacific Advisors, MyVest, NextCapital, Nutmeg, Riskalyze, SigFig and Vanare
- A detailed industry landscape of Digital Wealth Management providers as well as other innovative, tangential companies, profiles of 28 companies and a comprehensive list of private equity financing and M&A transactions in the space

Selected FT Partners Capital Markets / WealthTech Transactions

M&A Transactions







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Financing Transactions



FT Partners has advised on some of the most prominent and groundbreaking transactions in the Securities / Capital Markets / Wealth Technology sectors

FT Partners Advises BlackRock on its Acquisition of FutureAdvisor

Overview of Transaction

- On August 26, 2015, BlackRock (NYSE: BLK) announced a definitive agreement to acquire 100% of FutureAdvisor
- FutureAdvisor is a leading digital wealth management platform with technology-enabled investment advice capabilities
- BlackRock offers investment management, risk management and advisory services to institutional and retail clients worldwide and has over \$4.7tn in assets under management
- Following the transaction, FutureAdvisor will operate as a business within BlackRock Solutions ("BRS"), BlackRock's investment and risk management platform
- The transaction is expected to close in Q4 2015

Significance of Transaction

- Combines FutureAdvisor's tech-enabled advice capabilities with BRS' investment and risk management solutions
- Enables BlackRock to provide a B2B digital advice platform, which helps financial institution partners both improve their clients' investment experiences and grow advisory assets
- Empowers partners to meet the growing demand among consumers to engage with technology to gain insights on their investment portfolios
 - Demand is particularly strong among the mass-affluent, who account for \sim 30% of investable assets in the U.S.

FT Partners' Role

- FT Partners served as exclusive advisor to BlackRock
- Highlights FT Partners' continued success advising a broad range of toptier strategic investors across the financial technology landscape

Financial Technology Partners LP FTP Securities LLC

is pleased to announce its exclusive role as advisor to

BLACKROCK

in its 100% acquisition of





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FT Partners Advises Addepar on its Series D Financing

Overview of Transaction

- On June 8, 2017, Addepar announced it has raised \$140 million in Series D financing co-led by Harald McPike, the founder of QuantRes, along with Valor Equity Partners and 8VC
- Headquartered in Mountain View, CA, Addepar is a leading provider of portfolio management and reporting software and services that seeks to become the infrastructure that will connect all aspects of global finance
- Harald McPike is the founder of QuantRes, a quantitative trading firm, and a global private investor with a focus on the financial and technology sectors
- Valor Equity Partners is an operational growth investment firm that does both minority and majority investments in high growth companies at various stages of development
- 8VC is a venture capital firm that makes seed to later stage investments with a focus on the technology industry

Significance of Transaction

- The financing capitalizes on Addepar's unprecedented growth from \$300 billion to over \$650 billion assets on platform in less than 18 months as top wealth managers embraced Addepar's category-defining client reporting software
- With the new capital, Addepar will continue investing significantly in R&D, expanding its product, platform and tech-enabled services to unlock more value for its clients while also serving a wider range of wealth and asset management firms

FT Partners' Role

- FT Partners served as exclusive strategic and financial advisor to Addepar
- Transaction demonstrates FT Partners' continued leadership position as the "advisor of choice" to the highest quality FinTech companies as well as its deep domain expertise and experience in the WealthTech space

Financial Technology Partners LP FTP Securities LLC

is pleased to announce its role as exclusive strategic and financial advisor to



in its Series D financing co-led by



Harald McPike

for total consideration of

\$ 140,000,000



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FT Partners Advises Moneyfarm on its Acquisition of Ernest

Overview of Transaction

- On October 6, 2017, Moneyfarm announced it has acquired the technology behind Ernest
 - Ernest is a personal banker chatbot, powered by Artificial Intelligence that combines natural language processing technology with machine learning, Ernest aims to help individuals manage their money better
- Headquartered in London, U.K., Moneyfarm is a digital wealth manager operating in both Italy and the U.K.
- Moneyfarm will work to combine Ernest's technology with its existing services

Significance of Transaction

- Ernest's technology has the ability to tap into daily transactional behavior of customers, which will prove critical as Moneyfarm works to provide more personalized financial advice
- Ultimately, the acquihire will enhance Moneyfarm's product, improve underlying algorithms and better assist customers through the entire wealth lifecycle

FT Partners' Role

- FT Partners served as exclusive strategic and financial advisor to Moneyfarm
- This transaction underscores FT Partners' successful track record of transactions in the WealthTech space

Financial Technology Partners LP FTP Securities LLC

is pleased to announce its exclusive role as sole strategic and financial advisor to



in its acquisition of the technology assets of



Ernest



The Only Investment Bank Focused Exclusively on Financial Technology

Award-Winning Investment Banking Franchise Focused on Superior Client Results

| Institutional Investor Institutional Investor Annual Ranking | 2017 2015 - 2016 2006 - 2008 | Ranked #1 Most Influential Executive on Institutional Investor's FinTech 40 List Steve McLaughlin Ranked Top 5 on Institutional Investor's FinTech 35 List Consecutively Ranked (2006, 2007 and 2008) among the Top Bankers on Institutional Investor's "Online Finance 40" |
|--|------------------------------------|--|
| The Information | 2016 | Ranked #2 Top Technology Investment Banker on The Information's "Silicon Valley's Most Popular Dealmakers" |
| | 2015 - 2017 | Investment Banker of the Year – 2017 Investment Banking Firm of the Year – 2016 Cross Border Deal of the Year - 2016 Dealmaker of the Year – 2015 Technology Deal of the Year – 2015 |
| 2017 - 2004 ANNUALAWARDS WINNER M&A Advisor Awards | 2010 -2014 | Equity Financing Deal of the Year - 2014 Professional Services Deal of the Year, Above \$100 mm - 2014 Dealmaker of the Year - 2012 Professional Services Deal of the Year, Above \$100 mm - 2012 Boutique Investment Bank of the Year - 2011 Deal of the Decade - 2011 Upper Middle Market Deal of the Year, Above \$500 mm - 2010 IT Services Deal of the Year, Below \$500 mm - 2010 Cross-Border Deal of the Year, Below \$500 mm - 2010 |
| /wards | 2004 - 2007 | Dealmaker of the Year – Steve McLaughlin – 2007 Business to Business Services Deal of the Year - 2007 Computer and Information Technology Deal of the Year, Above \$100 mm – 2007 Financial Services Deal of the Year, Above \$100 mm – 2007 Investment Bank of the Year – 2004 |
| Middle Market Financing Awards | 2006 - 2008 | Equity Financing Dealmaker of the Year – Steve McLaughlin – 2008 Information Technology Deal of the Year – 2008 Financial Services Deal of the Year – 2008 Financing Professional of the Year – Steve McLaughlin – 2006 |

The FT Partners Senior Banker Team

| Name / Position | Prior Background | Experience / Education | Years of Experience |
|---|-------------------------------|--|---------------------|
| Steve McLaughlin Founder, CEO and Managing Partner | Goldman Sachs | Formerly with Goldman, Sachs & Co. in New York and San Francisco from 1995-2002 Former Co-Head of Goldman Sachs' Financial Technology Group (#1 market share) Wharton M.B.A. | 23 |
| Greg Smith Managing Director | Merrill Lynch J.P.Morgan | Formerly award winning Equity Research Analyst at Merrill Lynch / J.P. Morgan / Hambrecht & Quist 20+ years of experience covering FinTech as both an Analyst and Investment Banker | 22 |
| Osman Khan Managing Director | pwc | Former Managing Director / Head of FIG M&A at Alvarez & Marsal 15+ years FIG deal, consulting and assurance experience at PwC 40 Under 40 M&A Advisor Award Winner in 2013 LSE (BSc w/Honors), MBS (MBA w/Distinction), ICAEW (FCA) | 21 |
| Steve Stout Managing Director | J.P.Morgan First Data | Former Global Head of Strategy at First Data Formerly Led J.P. Morgan Payments Investment Banking Former Equity Research Analyst on #1 ranked team at UBS and Economist at the Federal Reserve Bank | 20 |
| Tim Wolfe Managing Director | Goldman Sachs | Formerly with Goldman, Sachs & Co. beginning in 2000 Started at FT Partners in 2002 40 Under 40 M&A Advisor Award Winner 2013 Harvard M.B.A. | 16 |
| Timm Schipporeit Managing Director | Morgan Stanley Index Ventures | 11+ years with Morgan Stanley, Senior Executive Director of European Technology Investment Banking Team in London Formerly a Venture and Growth Investor focused on FinTech at Index Ventures | 15 |
| Andrew McLaughlin Managing Director | Deloitte. | 20+ years experience executing / implementing financial and operational strategy Formerly with Deloitte Consulting | 12 |