JONATHAN STRUNK, PHD

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HIGHLIGHTED SKILLS & ABILITIES

Soft Skills

Communication: Published multiple academic papers. Gave talks at international conferences. Led workshops, development discussions, and product demos.

Critical Thinking: Created original innovative research. Evaluated processes and products for use cases, pain points, and effectiveness. Abstracted business goals into productionized processes.

Adaptable: Delivered projects as architect, lead, and developer. Extensive experience in individual and collaborative positions as both management and IC.

Analytical   Psychology; Knowledge Integration; Research Methods; Statistics

Technical   SQL; Python; R; MATLAB; JavaScript; SPSS; Tableau

EDUCATION

2018   **PhD**, Cognitive Psychology: Georgia Institute of Technology, Atlanta GA

EXPERIENCE

2022-   Principal, *JSTech LLC*

· Education and consulting services for technology; focused on analytics, research, and engineering.

· Creating **cloud first analytics** and research platform on GCP.

2019-   Member, *KFS Funding & Investments LLC*

· **Lead technology** initiatives.

· Advise on business strategy and investment opportunities.

· Evangelize the benefits of commercial lending opportunities with private equity.

2019-2022   Sr. Data Quality Engineer & Data Analyst, *GreenSky*

· Conducted **strategic reviews** of technical infrastructure and business processes to recommend and prioritize new initiatives.

· Led **research initiatives** and aligned stakeholders to create KPRs, OKRs, and implement dashboards in JIRA, MDX, JavaScript, and Tableau.

· Delivered **automated software** solutions for reporting, simulation testing, and data quality monitoring in SQL, Python, JavaScript, SSRS, and SSIS.

· Conducted **exploratory research** into cross departmental interactions, process analysis, and data quality in SQL, Python, and R.

2012-2018   Scientific Researcher, *Georgia Institute of Technology*

> · Led 5 **research initiatives** with collaborators and direct reports which resulted in 8 research publications and 20 presentations (4 by junior members).

> · Collaborated with stakeholders and **integrated domains** of conceptual, technical, and statistical knowledge to produce cutting edge research in cognitive neuroscience.

> · Developed **novel algorithms** and toolboxes to automate, integrate, and analyze both behavioral and neural data with univariate and multivariate statistics in MATLAB.

> · **Analyzed** between group (A/B testing), within group, and individual differences in learning, memory, and neural activity in Python, R, and SPSS.

> · Led **workshops and training** sessions on research methods and best practices.

2009-2012   Research Associate, *Scripts Research Institute & University of California San Diego*

> · Developed, executed, and analyzed neuro-imaging research spanning Parkinson's disease, consumer choice, language, and motor control.

> · Led an independent technical assessment of a medical device focused on neural markers of Alzheimer's.

> · Maintained technical infrastructure and in-house analysis software.

2003-2008   Lead IT Analyst, *Unisys, New Century Mortgage, & Oakley*

> · Provided technical support and technology education.

CERTIFICATIONS

2021   Scrum Alliance Certification: Certified SCRUM Product Owner