

TECHNICAL CURRICULUM VITAE

RYAN TODD GARZA

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SKILLS & TECHNOLOGIES

Programming Languages: C, Objective-C, Swift, JavaScript, TypeScript, Python, Bash, Vimscript

Markup Languages: HTML, LaTeX, Markdown

Stylesheet Languages: CSS, Sass

iOS Development: UIKit, Combine, Foundation

Web Development: React, Gatsby, Express

Testing: XCTest, Jest

Runtime Environments: Node.js

Data Access and Communication: GraphQL, REST, SQL, NoSQL

Data Science: Numpy, Pandas, Matplotlib

Version Control and Build Tools: Git, npm, Webpack

Development Environments: Xcode, Jupyter Notebook, Max/MSP

EDUCATION

Expected 2025 Bachelor of Science in Computer Science, Texas Tech University

2020 Diploma in Web Development, BrainStation

2009 Associate of Applied Arts in Commercial Music, South Plains College

WORK EXPERIENCE

2023 Software Engineering Intern - Audio & Music Applications, Apple

2019-2023 Web Engineer, Independent Contractor

2007-2023 Musician, Composer, & Audio Engineer, Independent Contractor

2021 Principal Software Engineer, Staycite

CERTIFICATES

2023 Foundations of Humane Technology, Center for Humane Technology

2022 Foundations of Leadership 2, The National Society of Leadership and Success

2022 Foundations of Leadership 1, The National Society of Leadership and Success

PROFESSIONAL DEVELOPMENT

2023 Swift for Complete Beginners, Hacking with Swift

2022 C Programming for Beginners, Learn Programming Academy

2022 CS50's Introduction to Computer Science, HarvardX

2022 The Complete Python Pro Bootcamp, The App Brewery

2021 The Complete Web Dev Bootcamp, The App Brewery

2021 Data Science Fundamentals, Corporate Finance Institute

2021 Introduction to Business Intelligence, Corporate Finance Institute

2021 Accounting Fundamentals, Corporate Finance Institute

2019 Generative Art & Computational Creativity, Simon Fraser University

SOCIETIES & ORGANIZATIONS

Professional

2019-2021 The Society of Composers & Lyricists

2018-2019 American Society of Media Photographers

Academic

2022-Present Google Developer Student Club @ Texas Tech University
2022-Present The National Society of Leadership and Success
2022-Present First Generation Transition & Mentoring Program, Texas Tech University
2007-2009 Phi Theta Kappa Honor Society

PROJECTS

2022 Svava API, github.com/ryantoddgarza/svara-api
2020 Svava, github.com/ryantoddgarza/svara
2020 Warbly, github.com/warbly

AWARDS & HONORS

2020 Best Capstone, BrainStation Summer 2020 Web Development Cohort

PUBLICATIONS

Single-authored unless otherwise indicated

Online Articles

2021 'Cleaner JavaScript with Destructuring.' *JavaScript in Plain English*. January 17
2021 'Bootstrap Client-Side Git Hooks for Version Control.' *JavaScript in Plain English*. April 20

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