

TECHNICAL CURRICULUM VITAE

RYAN TODD GARZA

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EXPERTISE

Practical: Systems thinking, Design thinking, Strategic planning
Methodological: DevOps, Agile methodologies, Technical writing
Programming languages: C, JavaScript, TypeScript, Python, Bash, Vimscript, Max/MSP
Markup languages: HTML, LaTeX, YAML, Markdown
Stylesheet languages: CSS, Sass
Front-end: React, Gatsby, Jest, Web Audio API
Back-end: Node.js, Express, GraphQL, REST, SQL, NoSQL
Data science: Numpy, Pandas, Matplotlib
Services: Git, npm, Webpack, Netlify, Contentful

EDUCATION

Expected 2025 Bachelor of Science in Computer Science, Texas Tech University. GPA: 4.0
2020 Diploma in Web Development, BrainStation. GPA: 3.5
2009 Associate of Applied Arts in Commercial Music, South Plains College. GPA: 3.8

WORK EXPERIENCE

2019-Present Web Engineer, Independent Contractor
2007-Present Musician, Composer, & Audio Engineer, Independent Contractor
2021 Principal Software Engineer, Staycite

CERTIFICATES

2022 Foundations of Leadership, The National Society of Leadership and Success
2021 The Complete Web Dev Bootcamp, The App Brewery

PROFESSIONAL DEVELOPMENT

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
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
2009-Present Phi Theta Kappa Honor Society - Alumni
2007-2009 Phi Theta Kappa Honor Society

PROJECTS

2022	TTU Textbooks, Data science driven informational website
2021	Wiki, Personal Vimiwiki website
2022	Svara API, GraphQL API for the Svara project
2020	Svara, Generative music system and web application
2020	Warbly, Web Audio based synthesis component library

AWARDS & HONORS

2020	Best Capstone, BrainStation Summer 2020 Web Development Cohort
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PUBLICATIONS

Single-authored unless otherwise indicated

Online Articles

2021	'Cleaner JavaScript with destructuring.' <i>JavaScript in Plain English</i> . January 17
2021	'Bootstrap Client-Side Git Hooks for Version Control.' <i>JavaScript in Plain English</i> . April 20

Last updated: November 29, 2022