

## TECHNICAL CURRICULUM VITAE

# RYAN TODD GARZA

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## EXPERTISE

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Practical: systems thinking, design thinking, strategic planning, technical writing

Methodological: DevOps, Agile methodology

Programming languages: C, JavaScript, TypeScript, Python, Swift, 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, Prismic, Contentful

## EDUCATION

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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

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2019-Present Web Engineer, Independent Contractor

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

2023 Software Engineering Intern - Audio Engineering, Apple

2021 Principal Software Engineer, Staycrite

## CERTIFICATES

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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

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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

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### 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

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2023	Ashtanga Yoga Bhavana, website
2022	TTU Textbooks, Data-driven informational website
2022	Svara API, GraphQL API for the Svara project
2021	Wiki, Public wiki iteratively published from my personal vimwiki
2020	Svara, Generative music system, API, and web application
2020	Warbly, Web Audio based synthesis component library

## AWARDS & HONORS

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2020	Best Capstone, BrainStation Summer 2020 Web Development Cohort
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## PUBLICATIONS

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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: May 12, 2023