

EDUCATION

Chapman University

B.S. in Computer Science, B.S. in Electrical Engineering, minor in Business Administration

Orange, CA

May 2024

Cumulative GPA: **4.0**, Summa Cum Laude, Provost's List, Presidential Scholar

Relevant Courses: Data Structures & Algorithms, Data Comm./Computer Networks,
Algorithm Analysis, Database Systems, Data Science, Operating Systems

TECHNICAL SKILLS AND INTERESTS

Front-end: HTML, CSS, JavaScript, React, TypeScript, Next.js, Tailwind, Bootstrap, Material UI, Redux

Back-end: Node.js, Express, Flask, Ruby on Rails, MongoDB, MySQL, SQLite, Python, Ruby

Other: C++, Java, C, Haskell, Unix/Linux

Tools: Figma, Git/GitHub, Docker, Jenkins, Google Analytics, Unity, Microsoft Office, Heroku, Vercel

Interests: Software/Electrical Engineering, Computer Science, Artificial Intelligence, Cybersecurity,
Web/Full-Stack Development, Cloud Technologies, Machine Learning, Puzzles, Music

PERSONAL PROJECTS

Cipher Cypher | Full-Stack Developer

Jul. 2024 - Present

- Solo-developed to learn MERN stack, implementing user authentication and progress tracking
- Utilized Redux and Material UI libraries alongside a RESTful API backend, deployed with Vercel
- Designed and created 50 visual cryptographic puzzles, with traffic managed by Google Analytics

Valdle | Full-Stack Developer

Aug. 2023 - Present

- Collaborated with 4 developers on an agile website, with Google Analytics tracking 4M+ user clicks
- Coded Python scripts to add features with web scraping/data mining utilizing the Valorant API
- Tested, debugged, cleaned, and reviewed code within Flask backend to help maintain readability

Discord Bots | Full-Stack Developer

Apr. 2020 - Present

- Built 3 large-scale bots that use the Discord API and Python to find solutions for server tasks
- Managed and partnered with communities of 200+ Discord users to deliver on clients' expectations

EXPERIENCE

Headstarter AI | Software Engineering Fellow

Jul. 2024 - Present

- Building 5+ AI apps and APIs using Next.js, OpenAI, Pinecone, StripeAPI with goal of 1000 users
- Developing projects from design to deployment leading 4 other fellows using MVC design patterns
- Coachings with Fortune 500 engineers on Agile, CI/CD, Git, and microservice patterns

Math and Programming Freelance Tutor

Aug. 2021 - Present

- Guided 30+ students to improve problem-solving skills, long-term understanding, and grades
- Taught courses include: Programming in Python and Java, Calculus 1/2/3, Trigonometry, Geometry
- Established a loyal customer base through strategic outreach, references, and personalized service

ACCOMPLISHMENTS AND AWARDS

Outstanding Senior Award in Electrical Engineering

May 2024

Winner of the Annual Instrumental Concerto Competition

May 2023

Winner of Game Theory's Alternate Reality Game Contest

Nov. 2018 - Oct. 2019

Chemistry Olympiad and Science Olympiad - State-Wide Team Finalists

Mar. 2019 - May 2019