

TECHNICAL SKILLS

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, OpenGL, 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

PROJECTS

Cipher Cypher | Full-Stack Developer **Jul. 2024 - Aug. 2024**

- Solo-developed to learn MERN stack, implemented user authentication and progress tracking
- Utilized RESTful APIs, hosted serverless functions on Vercel with microservices architecture
- 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 SEO, 4M+ user clicks on Google Analytics
- 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 - Sep. 2024**

- Built 5+ AI apps and APIs using Next.js, OpenAI, Pinecone, StripeAPI with goal of 1000 users
- Developed projects from design to deployment, leading 2 other fellows using MVC design patterns
- Coached by Fortune 500 engineers on Agile, CI/CD, Git, user 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

EDUCATION

Chapman University **Orange, CA**

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

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**