

Derzan Chiang

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EDUCATION

Cleveland State University, Cleveland, OH
Bachelor of Science, Computer Science

Expected Graduation: May 2027

Hack Reactor | Advanced Software Engineering Immersive, US Remote

2022

- Immersive software engineering program with 1000+ hours of software development
- Full-Stack AGILE development with JavaScript, React, Express, PostgreSQL, MongoDB, and MySQL

Edmonds College, Lynnwood, WA

2018 - 2021

Associate in Arts
Highschool Diploma

TECHNICAL SKILLS

Programming Languages: Python, Typescript, Javascript

Web Development: Node.js, React, Express, HTML/CSS

Databases: Snowflake, PostgreSQL, MySQL, MongoDB

Tools: Git, GitHub, Grafana, AWS, Azure, Docker, GitHub Actions, Webpack, Babel, Jest, PowerBI, Postman

EXPERIENCE

AT&T (Contracted by Tech Mahindra)

Nov 2022 - June 2023

Software Engineer | Plano, TX

- Collaborated with team members to migrate large amounts of data from legacy systems to Snowflake DB hosted on Azure
- Monitored a data loading system that processes an average of 80,000 files per day, totaling 30+ GB of information per day, using both Power BI and Grafana
- Developed real-time dashboards and visualizations using advanced features of Grafana, offering valuable insights into system performance, identifying potential bottlenecks and areas for optimization
- Utilized Power BI and Grafana to develop custom dashboards and visualizations that provided real-time insights into system performance, data quality, and migration progress

Galvanize Inc

Sep 2022 - Nov 2022

Software Engineering Immersive Resident | US Remote

- Mentored software engineering students to enhance their programming comprehension and skills
- Conducted regular office hours to provide students with guidance and accountability in their coursework
- Analyzed and debugged code in unfamiliar environments, demonstrating an aptitude for problem-solving and troubleshooting

Edmonds College

Aug 2021 - July 2022

Part-Time STEM Peer Mentor | Lynnwood, WA

- Conducted weekly computer science meetings for students, providing expert guidance and mentorship to those interested in the field
- Supported students as a mentor to ensure their success in college, offering personalized advice and assistance in navigating academic challenges and achieving their goals
- Instructed students in programming fundamentals, reinforcing key concepts and techniques to help them build a strong foundation in the subject

PROJECTS

Lichess Puzzle Discord Bot | [GitHub Link](#)

April 2022 - Present

- Developed and deployed a TypeScript Discord bot that delivers daily chess puzzles to 3500+ users in 15+ channels
- Built custom scheduling functionality for personalized delivery of puzzles
- Implemented real-time error logging and monitoring with Sentry.io for improved reliability
- Configured Dockerfile for seamless deployment to cloud service Fly.io
- Ensured bot's uptime and stability through regular monitoring and troubleshooting