# Derzan Chiang

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## EXPERIENCE

**Labs Intern**, Golang URL Shortener                                          Jun 2021 – Aug 2021
*CodeDay, internship*

- Designed and built a URL shortener from scratch using Golang and Gin Web Framework
- Provided weekly updates to a mentor working as a software engineer at RIT Global Cybersecurity Institute
- Generated URL safe and cryptographically strong IDs for the shortener using the Go Nanoid library
- Implemented structured logging using the Logrus Library
- Maintained code quality and application health by developing API tests with Postman
- Designed and implemented easy-to-use user-facing front-end with Bootstrap, HTML, and CSS
- Deployed and hosted the URL shortener microservice using Docker and Heroku

**Edmonds College**                                                            Aug 2021 – Present
*Part-Time STEM Peer Mentor*

- Provide a more experienced perspective through weekly meetings for new students who are interested in computer science
- Mentor and guide students on how to be successful in college
- Teach and reinforce programming fundamentals

## PERSONAL PROJECTS

**JackieBot**                                                                  Apr 2021
*UWB Hacks From Home*

- Send encouraging quotes and images to discord on command using Zen Quotes API
- Created a discord bot using python and the Discord.py library
- Integrated reddit API to show memes and subreddit top posts on discord

**Mito**                                                                       Nov 2021
*Liquid Hacks 2.0*

- Generated graphs for user game statistics using the Riot Games API
- Fetched, parsed, and analyzed player game data to determine player performance across multiple games
- Migrated and built the backend from scratch using Express.js and Node.js
- Designed, built, and hosted backend component from scratch by migrating entire website to Heroku

## SKILLS

**Programming:** Python, Java, JavaScript ES6, Go, Node.js, HTML, CSS,
**Technologies:** Git/GitHub, macOS, Windows, Heroku, ReactJS, VSCode, Socket.io, Bootstrap, jQuery, GitHub Pages, Docker, ExpressJS, jGRASP, Apache NetBeans, IntelliJ IDEA, Postman

## EDUCATION

**Edmonds College**, Edmonds, WA                                               Sept 2018 – Aug 2021

- Highschool Diploma
- Associate of Arts

**Relevant Course Work:** Intro to Programming, Computer Science I Java, Computer Science II Java, Computer information Systems Foundations

**Hack Reactor |** Software Engineering immersive                              Nov 2021 – Aug 2022