

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, HTML, CSS, Go, Node.js

Software: Git/GitHub, macOS, Windows, Heroku, VSCode, 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