ELAINE HAN

✉ elaine.han@uwaterloo.ca ☎ 403-966-8805 🔗 elainehan3 🌐 elainehan3.github.io

SKILLS

Languages: C/C++,Python,HTML/CSS,Bash,TypeScript,Javascript,Kotlin,R,

Tools & Technologies: React,Git,Docker,Unix/Linux,NodeJS,Docker,Android Studio,

PROJECTS

Personal Website | ReactJS, JavaScript, HTML/CSS
- Designed, developed, and deployed a mobile-friendly & responsive portfolio website with interactive elements
- Needle in a Haystack - Fully functioning and responsive i-Spy minigame
- Weather - Mobile-friendly and responsive weather app using OpenWeather API

MealTime | Kotlin, Android Studio
- Collaborated to design and develop an Android meal planning app
- Implemented front-end and navigation

Biquadris | C++
- Fully-functioning two-player Tetris game with XWindow graphical user interface
- Utilized object-oriented design patterns such as MVC, observer, and decorator to optimize maintainability
- Received a grade of 100%

EXPERIENCE

Cyber Security Intern
Deloitte   Sep 2021 - Dec 2021
- Analyzed client web infrastructure for vulnerabilities
- Created daily cyber security reports for commercial clients
- Developed text formatting tools in Python to enhance team workflow efficiency

STEM Instructor
IdeaLab Kids Calgary   Nov 2019 - Sep 2021
- Lead class of 10+ kids in Lego Robotics w/ Arduino or science experiments for afterschool programs or summer camps

ACTIVITIES

Bot Developer
Computer Science Club (CSC)   Sep 2021 - Present
- Working with team to develop new features for the CSC server Discord bot
- Collaborated to implement mock interview scheduling and server currency features

Graphic Design Manager
UW KPop   Sep 2021 - Present
- Lead a design team of 3 to create advertisements

EDUCATION

Bachelor of Computer Science (BCS)
University of Waterloo   2020 - 2025