

ANDY (MIN KYU) LEE

Systems Design Engineering

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Experience

Web Designer | Gryphtech

HTML/CSS, JavaScript, Bootstrap 4, Adobe Creative Suite
January 2020 - April 2020

- Designed and prototyped mobile and web-based applications in both **Waterfall** and **Agile** environments
- Developed responsive web applications to serve over **35,000** real estate agents from over **60 countries**

UI/UX Designer + UX Developer | CornerChat

HTML/CSS, JavaScript, Adobe Creative Suite, Figma
May 2020 - Present

- Leading in the design and assisting in the development of CornerChat, a mobile application that connects local shops to community members seamlessly
- Designing and prototyping product features in **Adobe Xd** and **Figma**
- Developing well-structured and responsive modules in **HTML, CSS and JavaScript**

Projects

SnowTracker | NewHacks 2020

HTML/CSS, JavaScript, C++, Arduino, Node-RED
2020

- Medium fidelity instrument that uses variable sensors to track the rate and type of snowfall
- Integrated **OpenCV** to measure a variable depth of snowfall
- Leveraged the **Twilio API** to send SMS messages to users during dire snowfall conditions to mitigate and manage risk vulnerability

andyleemk.github.io | Personal Website

HTML/CSS, JavaScript, jQuery, Bootstrap 4, AOS Library
April 2020 – May 2020

- Leveraged the **Bootstrap 4** and **AOS Libraries** to develop a responsive and reactive personal portfolio

Extracurriculars

SOAR Leader | Students Offering Assurance and Reaffirmation

September 2017 - June 2019

- Developed weekly lesson plans to deliver lectures and activities for new students with a focus on academics and professional mentorship

Skills

Development

HTML/CSS, JavaScript, C++, Python

Design

Adobe Creative Suite, Figma, InVision

Frameworks/Libraries

Bootstrap 4, Node.js, jQuery, React

Hardware

Arduino, Node-RED, AutoCAD, Solidworks

Education

University of Waterloo

Systems Design Engineering
September 2019 - April 2024

Relevant Courses:

- Digital Computation in C++
- Data Structures and Algorithm
- Introduction to Design
- Human Factors in Design

Port Moody Secondary School

International Baccalaureate Diploma
September 2015 - May 2019

Interests

- Rock Climbing (5.11-, V3)
- Beach/Court Volleyball
- Hiking
- Playing Music (B flat clarinet)

Awards

- District/Authority Scholarship for Excellence in Fine Arts
- Elmer Helm Youth Fund Scholarship for Academic Achievement and Exceptional Community Involvement
- University of Waterloo Presidential Scholarship