

ANDY (MIN KYU) LEE

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Systems Design Engineering

Technical Experience

Web Designer | Gryphtech

HTML, CSS, Javascript, Bootstrap 4, Adobe Creative Suite

January 2020 - April 2020

- Designed and rapid prototyped mobile and web applications in both **Waterfall** and **Agile** environments to develop and improve Gryphtech's product suite
- Created responsive and dynamic web pages using **bootstrap** and **react.js** to serve over **35,000** real estate agents from over **60** countries

Frontend Developer and Product Manager | Wikia Bureaucrat

HTML, CSS, Javascript

March 2014 - July 2017

- Designed website modules on a Content Management System
- Conducted quarterly user reviews to undergo design maintenance, increasing retention rates by **20%**
- Lead team of developers to deliver a smooth service for over **100** users daily

Projects

SnowTrackr | NewHacks 2020

HTML, CSS, Javascript, C++, Python, Node-RED, Arduino

2020

- Medium fidelity instrument that uses variable sensors to track the rate and type of snowfall in a region
- Integrated OpenCV with video camera to measure the depth of snowfall
- Incorporated the Twilio API to send SMS calls to users during dire snowfall conditions to mitigate and manage risk vulnerability

FitBud | StarterHacks 2020

HTML, CSS, Javascript, Google Cloud Platform

2020

- Web application that uses a Google Maps API call to provide a list of gyms in a variable area
- Enhanced user experience by integrating a user contact system to allow for gym partnership and mentorship

Work Experience

SOAR Leader | SOAR (Students Offering Assurance and Reaffirmation)

September 2017 - June 2019

- Developed weekly lesson to deliver lectures and activities for new students in the form of mentorship and academic guidance

Technical Skills

Languages

HTML, CSS, Javascript, C++, Python

Tools/Frameworks

Bootstrap 4, Google Cloud Platform, Arduino, Node-RED

Design

Adobe Creative Suite, Figma, InVision

Awards

- BC Achievement Scholarship
- 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

Education

Systems Design Engineering

University of Waterloo

September 2019 - April 2024

Relevant Courses:

- Digital Computation (C++)
- Introduction to Design

International Baccalaureate Diploma

Port Moody Secondary School

September 2015 - September 2019

Boys' AA/AAA Volleyball	2016 - 2018
District Champion	2016
Runner-Up	2018

Junior/Senior Concert Band	2015 - 2019
Top Band Student	2016 - 2018