ALLISON CHOW

SOFTWARE ENGINEER/PROGRAM MANAGER

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EDUCATION

B.ASc. Computer Engineering
University of Waterloo
2016-2021

Udacity Front-End Web Developer
Nanodegree
2017

SKILLS

Programming Languages:

- Java
- C#/C++
- TypeScript/JavaScript
- HTML/CSS
- SQL
- VHDL

Frameworks:

- Node.js + Express
- Angular 1
- Azure Cosmos DB
- Swagger
- .NET

Tools & Technologies:

- Git
- Visual Studio
- Android Studio
- AWS

INTERESTS

- Hackathons
- Medical Trivia
- Video Games

EXPERIENCE

Microsoft – Explore Intern   Redmond, WA | May 2017 - Present

- Architected a new dashboard to be integrated with existing internal large-scale services
- Designed and created a responsive user interface using Angular
- Wrote REST APIs to support queries to multiple data sources
- Design principles and functionality being reused to improve existing services and as a baseline for future services

UW HOSA – VP of Marketing   Waterloo, ON | May 2017 – Present

- Led the marketing portfolio in designing promotional campaigns to drive high participation in the club's first year

PROJECTS

Whose Face   UofTHacks IV | January 2017

- Used the Clarifai image recognition API to train a model for facial recognition
- Collaborated with a team to create a dashboard with a person's social media info on visual recognition, to easily connect at networking events
- Built the back-end, designed the dashboard, and deployed with AWS in less than twenty-four hours

Green Green   ECHacks | November 2016

- Built a mobile app using Android Studio to communicate with Arduino light sensors
- Created the front-end user experience to visualize data from the sensors

AWARDS

1st Place – ECE Design Days   University of Waterloo | March 2017

- Competed over a week of design challenges against 35+ teams of engineers.
- Built a robot-mounted pitching machine with an Arduino and TETRIX, controlled via Bluetooth from a website built with Node.js.

PEO First Year Engineering Scholarship   2017

Best Green Hack   ECHacks | November 2016

Best Use of AWS   The Lady Hacks | November 2016