

DENNY LEE

2A Computer Engineering, University of Waterloo, Class of 2024

PROJECTS

AweSummarizer: HackThe6ix 2020 - Python/Vue

Microsoft Azure Challenge Winner

- Leveraged BERT and Microsoft's Azure Media and Cognitive Services to transcribe video lectures and find key points
- Designed and created accessible app user interface using Figma and Vue.js library

NUUL: Hack The North 2019 - Arduino

- Applied Arduino C functions and HTTPClient library to receive sensor input and send data to web application
- Troubleshoot network connections between Particle Photon board and Particle Cloud

WellSent: Hack4ChildMentalHealth - Web Development

CIBC High School Honourable Mention

- Utilized JavaScript functions and event listeners to obtain inputted information and produce alternative suggestions to reduce stigmatizing language
- Self-taught Chrome extension development
- Led teammates in brainstorming to develop project objective and implementation of concept

timeTracker: CS Final Project - Python

- Demonstrated knowledge in object-oriented programming in Python to track billable time for school Vice Principal
- Applied Tkinter GUI to create efficient user interface, and XlsxWriter to export data spreadsheet in context for user

WORK EXPERIENCE

Full Stack Developer (Velocity) at Scotiabank

Sep-Dec 2020

- Redesigned internal front-end React website using proprietary library to follow company branding guidelines
- Learned and assisted in project manager tasks such as creating tickets and communicating with various teams
- Organized online social events for Velocity program associates to foster community and teamwork

IT Analyst Co-op (Velocity) at Scotiabank

Jan-Apr 2020

- Learned and leveraged DB2 for data validation in a user migration project involving two major banks
- Increased team efficiency by developing applicable Python programs to automate rudimentary tasks
- Produced original #StudentShowcase content for the internal social media platforms to engage company-wide community with Velocity program associates

CONTACT

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QUALIFICATION SUMMARY

- 3 years of Python experience
- 2 years of Arduino C experience
- Self-taught HTML, CSS, and JavaScript
- Learning Java, C++, React, and Spring Boot
- Self-starter and innovator

COURSES

- ECE 150: Fundamentals of Programming (C++), Fall '19
- ECE 124: Digital Circuits and Systems (VHDL), Spring '20
- ECE 250: Algorithms and Data Structures (C++), Winter '21

ACTIVITIES

Musician

- Performed in acapella, chamber and senior choir, concert band, and symphonic orchestra

Graphic Design and UX

- Keen eye for design, efficiency, and conciseness

Martial Arts

- First degree black belt in Sikaran/Tadyakamao