

# DENNY LEE

## SKILLS

### Programming Languages:

Python, C, C++, HTML, CSS, JavaScript, SQL

### Frameworks and Tools:

TensorFlow, OpenCV, GCP, Flask, React, Express, Vue, DB2, Microsoft Azure, Figma, Adobe XD

## CONTACT

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## WORK EXPERIENCE

### Intelligent Automation Consultant at KPMG

Jan 2022 - Apr 2022

- Refactored Angular application to componentize and dynamically load regulatory document semantic analysis dashboard for a client deliverable
- Designed wireframes in Adobe XD for updated front-end design for a client-facing presentation and guiding the internal development team

### Junior Data Scientist at Praemo Inc.

May 2021 - Aug 2021

- Identified anomalous segments of image data using custom Tensorflow model and Python utility, achieving 80% accuracy while reducing training/scoring time by 90%
- Updated data document builder in Python and Pytest for tracking data model path

### Full Stack Developer at Scotiabank

Sep 2020 - Dec 2020

- Implemented real-time server status updates with React hooks and redesigned internal website to improve team efficiency and maintain company branding guidelines
- Utilized Jest and React Testing Library for unit testing to increase code coverage by 50%

### IT Analyst Co-op at Scotiabank

Jan 2020 - Apr 2020

- Validated data using IBM DB2 responsible for converting and migrating user data between major banks involving 10,000+ accounts
- Automated SQL query generation with Python scripts to decrease team workload by 30%

## FEATURED PROJECTS

### Taco: EngHack 2021 - React/Python/Express



Jun 2021

*Overall Top 3 Placement*

- Leveraged GCP Natural Language AI with Python in conjunction with an Express web server to record and score voice recordings as a machine learning speech therapy application
- Created an intuitive user interface using ES6 React and Material UI library

### CopyCat: Hack The North 2020++ - Python/CV



Jan 2021

*Finalist Winner & Vonage API Honourable Mention*

- Created an online multiplayer game where players memorize and copy each others' poses using Tensorflow and OpenCV to analyze and grade player pose similarity
- Developed a responsive front-end using Python, Flask, and JavaScript, utilizing Vonage API to enable real-time video communication between players

## EDUCATION

### Computer Engineering, BSc - University of Waterloo

Sept 2019 - Jun 2024

- Women in Engineering Executive, Vice President
- Notable Courses: Data Structures & Algorithms (C++), Systems Programming and Concurrency (C), Digital Computers (RISC-V)