MINH **CHENG**

Electrical and Computer Engineer

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228 Kingsdale Ave, Toronto

SUMMARY

Currently a student at the University of Waterloo for Computer Engineering 2022-2027. He is proficient with many computer programming languages including Java, JavaFX, SQL/PLSQL, and C++. He also has experience in data migration, digital circuit design and electrical circuit design. Additionally, he has 5+ years of experience with hardware support (including computer network setup)

EDUCATION

University of Waterloo
Bachelor's Degree in Engineering
2022 – 2027

Crescent School
Highschool Diploma

SKILLS

- C++
- Java
- JavaScript
- React
- HTML and CSS
- HPALM
- PLSQL
- MS Office Suite (Word, Excel, Outlook)
- Knowledge in VHDL
- Knowledge in digital circuit design
- Knowledge in electrical circuit design

AWARDS

- President's Scholarship
- Shad Design Award
- 5 PanAm medals

HOBBIES

- Badminton
  - Canadian National Team
- Chess
  - 1000 rating in chess.com
- The Gym
  - Working towards Toronto marathon

PROFESSIONAL EXPERIENCE

IT QA Analyst

Ministry of Education | Jan 2023 - April 2023

- Performed user research on 10 organizations by reviewing functional specifications document and the business requirements to create a traceability matrix to insure full test coverage
- Scripted, edited, and performed 4000 automation test steps in a test suite of 30 test cases using PLSQL and Selenium Framework
- Executed 1000 manual tests and logged defects within HP ALM
- Planned and ran workshops to educate other colleagues on how to run my test suite

IT Analyst

North York Cardiovascular Center | Jan 2018 - Jun 2023

- Responsible for digitizing patient records (>10,000), and migrated data in Azure cloud hosted database
- Standardized data intake process to ensure new patient data is in a consistent format, and integrated with existing patient database
- Performed verification during data migration to check for missing or incorrect data

PERSONAL PROJECTS

Personal Website
Nov 2023

- Understanding React components, state, and props.
- Familiarity with React Router for implementing navigation in a React application.
- Proficiency in using React Hooks for managing state and side effects.