Daniel Chen

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TECHNICAL SKILLS

Languages & Frameworks: Java, Python, C, C++, SQL, HTML, JavaScript, CSS, JUnit, Mockito, Selenium
Developer Tools: Git, Docker, Maven, Gradle, Jira, Confluence, Splunk, Jenkins, SonarQube

EXPERIENCE

Software Development Engineer — Jan. 2024 – Present
Trend Micro — *Ottawa, Canada*
- Resolved unresponsive pages and failed services by establishing a cross-product notification system
- Reduced notification delivery time by 7400% on core product using WebSocket
- Supported live deployment of features by monitoring logs in Splunk and addressing reported issues

Software Development Engineer — May 2023 - Dec 2023
Canadian Bank Note Company — *Ottawa, Canada*
- Added elastic search to passport application intake system
- Created REST API for communication between facial recognition and passport application intake
- Participated in daily stand-up meetings and sprint planning sessions to ensuring alignment with project goals and deadlines

Teacher's Assistant — Sep. 2022 - Apr. 2023
Carleton University — *Ottawa, Canada*
- Explained abstract programming concepts to students during office hours
- Provided feedback on student submissions based on project specifications

PROJECTS

RouteEV – JavaScript, React, Google Maps API, Google Places API — Mar. 2024
Electric Vehicle Routing Web App
- Created route-choosing page with auto-complete search bar for departure and destination locations
- Displayed route and EV charging stations on-route on a map component
- Optimized route distance by rerouting trips after an EV charging station has been selected

Petsprout – JavaScript, React Native, MongoDB, Express, Node.js — Dec. 2021 - May. 2022
Habit Tracking Mobile App
- Created animated components using React Native for user authentication and progress indicators
- Routed user inputs to update MongoDB, and displayed changes using React Hooks

EDUCATION

Carleton University — Sep. 2020 - Present
4th year Bachelor's of Computer Science - 12.0/12.0 GPA — *Ottawa, Canada*

HONORS AND AWARDS

Ford EV Experience Challenge 2nd Place — Mar. 2024
uOttaHack 6 — *Ottawa, Canada*
- Created React web app to facilitate EV navigation using Google Maps API

Derek Rymerson Memorial Scholarship — Aug. 2023
Carleton University — *Ottawa, Canada*
- Awarded annually, on the recommendation of the Director of the School of Computer Science, to an outstanding student proceeding from Third to Fourth year of the Computer Science program. Endowed in 1992 by the family and friends of Derek Rymerson

Canadian Tire Customer Experience Challenge 2nd Place — March. 2023
Hack The Hill 2023 — *Ottawa, Canada*
- Created web app to integrate employee scheduling with Microsoft 365 using Microsoft Graph API