Nigel Davis

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EDUCATION

Bachelor of Computing, Computer Science (CO-OP) - *4.0 Cumulative GPA (94.8%)*
University of Guelph - *Guelph, ON*
2019-2024 (Expected)

SKILLS

Languages:	Python, JavaScript, HTML/CSS, C, Java, Dart, SQL
Technical:	Git, React, Flutter, Linux, Docker, Vue, Data Structures, Web Scraping, Django
Interpersonal:	Time Management, Communication, Organization, Collaboration

EXPERIENCE

Software Developer, Tulip Retail - *Kitchener, ON*

May 2022 - Aug 2022

- Spearheaded the development of a new Media Library feature built using TypeScript/React that allows clients to easily share videos with their customers across various communication platforms
- Fixed medium to high priority bugs impacting thousands of retail stores worldwide often within 2-3 days of assignment
- Developed backend services in PHP to reveal data in hooks allowing clients to ensure systems are in sync

Software Development Engineer, Ecoation - *Vancouver, BC*

Jun 2021 - Dec 2021

- Built a user interface for a greenhouse data collection robot using Vue.js and Nuxt.js to visualize sensor data as well as control essential functions like movement and wheel position using ROS
- Developed an API using Python with Django REST Framework to handle requests for storing and retrieving robot sensor data

PROJECTS

$pendy - *JavaScript, React, Node.js, Chrome API*
Jan 2022

- Won **1st place** at Hack the Job, a Guelph hackathon with over 180 registered participants
- Worked as a team of 5 to create a chrome extension that automatically tracks users' purchases allowing them to create a budget, and sending alerts when they exceed their spending limits
- Followed consistent development practices to maintain clear and consistent code throughout the project utilizing GitHub actions to check for linting errors and automatically generate releases

GPX Data Viewer - *C, JavaScript, HTML, CSS, MySQL, Node.js*
Jan 2021 - Apr 2021

- Built a web user interface using HTML, CSS, and JavaScript to display GPX data to the user
- Implemented a back-end server using C, JavaScript, and Node.js used to parse GPX files allowing the user to make requests for information stored in files uploaded to the server
- Connected the server to a MySQL relational database used to store and share GPX data

AWARDS & EXTRA-CURRICULARS

- Awarded the Dr. Mary McLeish Scholarship - *2020*
  - Awarded to the student with the highest first-year average in Computer Science
- Awarded the Dean's Scholarship - *2020 and 2021*
- Member of Guelph Coding Community at the University of Guelph *(2020 - Present)*