

Nigel Davis

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EDUCATION

University of Guelph

Guelph, ON, Canada

Bachelor of Computing in Computer Science (*CO-OP*)

September 2019 – April 2024 (Expected)

- GPA: 3.98/4.0 (95% cumulative)
- Relevant Coursework: Data Structures, Algorithms, Object-Oriented Programming, Operating Systems, Statistics, Databases, Cryptography, Mobile Computing, Networks, Parallel Programming, Web Design

SKILLS

Languages: Python, C, Java, JavaScript/Typescript, HTML, CSS, Dart, SQL

Development Tools/Frameworks: Git, React/React Native, Flutter, Linux, Docker, Vue.js, Node.js, Django, Jest, Datadog, Terraform, GraphQL

EXPERIENCE

Wave Financial

Jan 2023 – Aug 2023

Software Engineer

Toronto, ON

- Contributed front-end changes to Wave's new Receipts feature using React Native and GraphQL, integrated with Apollo Client. These changes included redesigning the layout, building new screens/components, and creating new GraphQL operations
- Wrote and executed end-to-end tests for a new feature on both iOS and Android, ensuring the feature worked as expected and met all quality requirements
- Created monitors using Datadog Terraform, helping to improve the reliability and performance of our platform

Tulip Retail

May 2022 – Aug 2022

Software Developer

Kitchener, ON

- Spearheaded the development of a new Media Library feature built using TypeScript and 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 back-end services in PHP to reveal data in hooks allowing clients to ensure systems are in sync

Ecoation

Jun 2021 – Dec 2021

Software Development Engineer

Vancouver, BC

- 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
- Developed a Chrome extension as a member of a 5-person team that automatically tracks user purchases allowing them to create a budget with 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-based GPX data management system using C, JavaScript, HTML, CSS, and Node.js
- Using a MySQL database, this application allowed users to view, parse, and store GPX data

AWARDS

Dr. Mary McLeish Scholarship | 2020, 2022

- Awarded to the student with the highest average in all required degree courses in Computer Science

Dean's Scholarship | 2020, 2021

- Awarded to top students in the College of Engineering and Physical Sciences