

Nicolaas Kouwenhoven

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Skills

Languages: Java, Python, R, PHP, Javascript, CSS

Frameworks/Libraries: PostgreSQL, MySQL, Express, React, NodeJS, NextJS, Flask, OpenCV

Technologies: Docker, Git, Github Actions, Postman, DroneCI, XAMPP

Soft Skills: Leadership, conflict resolution, interpersonal communication, professionalism

Education

University of British Columbia

Bachelor of Science in Computer Science

GPA: **3.7 / 4.33**

Expected Graduation: 12/2025

Okanagan College

Associate's Degree in Business Administration

GPA: **3.6/4.33**

Graduated: 06/2022

Relevant Courses: Intro to Databases, Data Structures, Analysis of Algorithms, Software Engineering, Machine Learning, Operating Systems

Projects

- ***Optical Marking Recognition Software***
 - Developed a full-stack web app in an Agile environment utilizing **Kanban**, **Github**, and **Docker**
 - Developed image processing of bubble sheets with **OpenCV**, contained within a **Flask API** achieving 99% accuracy
 - Created course management tools for instructors using **React** with Tailwind, **Express.js**, and **PostgreSQL**
- ***Product Price Tracker***
 - Developed a web application utilizing the **MySQL** and **PHP** in a three-person team
 - Utilized a fake store API to display products and product info
 - Handled deployment on University of British Columbia servers
- ***Canada-Wide Water Level Monitoring System***
 - Developed a web application to display data from the Government of Canada's water level API
 - Handled the backend querying and formatting of data using **Express.js** to display water levels for different time periods
 - Frontend developed with **React.js**, allows bookmarking of monitoring stations, and statistics via **Chart.js**

Work Experience

- ***Front End Manager*** **04/2015 - 08/2019**
Beach Ave Cafe & Tapas *Peachland, BC, Canada*
 - Worked throughout highschool from dishwasher to server to manager before leaving for college
 - Took care of scheduling staff, ordering supplies, and overall management of the front end of a small cafe in my hometown
 - Engaged in conflict resolution, leadership activities, customer relations, supplier relations, training, task creation, and more

I understand this is not software-related, but I believe it highlights my soft skills as a team player, a capable leader if required, and shows a high level of work ethic in the workplace.