Nicolaas Kouwenhoven

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EDUCATION

University of British Columbia   Kelowna, BC
*Bachelor of Science in Computer Science - **3.7 GPA***   *Sept. 2022 – June 2025*

Okanagan College   Kelowna, BC
*Associate's in Business Administration - **3.6 GPA***   *Sept. 2019 – June 2022*

PROJECTS

Online Family Recipe Book | Github Live Link   January 2025
- Developed and deployed a full-stack web application using **React, Go, and MongoDB**, hosted on **Vercel and Google Cloud Run**
- Implemented a clean user interface for **mobile and desktop** browsing, with all UI elements incorporating fundamental **Human-Computer Interaction** techniques learned at UBC
- Implemented a **REST API** using the Go standard library to handle all CRUD functionality, utilizing **hexagonal architecture** for the structure of the API

GradeIT OMR | Github   May 2024 – August 2024
- Developed a course management application using **ExpressJS, React and PostgreSQL**
- Implemented automatic marking using image processing via a **Flask** REST API micro-service, achieving **99% accuracy** using the python-opencv library
- Utilized **Github** for team collaboration, **Docker** for containerization, DroneCI for our CI/CD pipeline, and **Jest** for automated unit tests
- Followed **Agile** methodologies, utilizing **Kanban** for project management via Github's built-in Kanban board

DromedaryDromedaryDromedary | *Linux, Apache, MySQL, PHP*   January 2024 – May 2024
- Developed a full-stack web application using **PHP and MySQL**, storing data fetched from a free web API to display products to users
- Implemented **clickstream analysis** of products to display a separate page of 'Hot Items' to the user
- Developed an admin panel that showed the curent inventory of goods, user statistics, and allowed for the creation / deletion of items from the store
- Handled **website deployment on real servers** using SSH to deploy our site using **Git**

WORK EXPERIENCE

Bartender   July 2021 – Present
Gasthaus on the Lake   *Peachland, BC*
- Prepared beverages in a high-paced environment, providing efficient, friendly service and teamwork for both customers and co-workers
- Worked to maintain a positive and inviting environment for customers, engaging with customers in a friendly and professional manner

Front End Manager   April 2015 – August 2019
Beach Avenue Cafe   *Peachland, BC*
- Oversaw all front-end operations, including staffing, inventory management, cash reconciliation, and restaurant opening and closing procedures, ensuring smooth and efficient daily workflows
- Demonstrated strong interpersonal skills in a fast-paced environment by managing customer feedback, addressing staff concerns, and fostering a collaborative team culture

TECHNICAL SKILLS

Languages: Javascript, Python, Java, SQL (Postgres / MySQL), HTML/CSS
Frameworks: React, Node.js, Flask, Next.js
Developer Tools: Git, Github, Docker, DroneCI, VS Code, Postman, XAMPP