RYAN GRANT

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OBJECTIVE

As a recent computer science graduate from UBC, I am seeking full time employment as a full stack developer where I can learn new skills, gain experience, and make a positive contribution to your company.

SKILLS

Project Management
- Utilized an agile approach in a solo environment to develop a website for a course on Web Development.
- Implemented a database system with a team of peers. Our success was due to our understanding of important project management techniques like: Critical Path and Scope.
- Executed a waterfall methodology for a 8 month Capstone Project. Extensive effort was put into a detailed project plan. Team meeting multiple times every week to share progress reports, manage a kanban board, and collaborate on team reports for evaluation.

Interpersonal Communication
- Developed excellent communication skills through working my way up the line as a chef at the Cactus Club Café. When I was a rookie I had to listen carefully and understand fully. As a team leader on the busiest nights, I had to be clear and concise.
- Having worked with many different peers on different projects, I learned what is important in being a great teammate to work alongside.

Time management
- Having worked in a very high pressure environment with high expectations, I can keep calm and collected when it matters most.
- When I worked as Chef it was also essential that I worked in sync with co-workers to finish at the same time. This required a high level of teamwork, coordination and finesse.

Technical
Java, Javascript, React.js, python, VB.NET, C++, SQL, Matlab, Git, Excel

Sept 2023-April 2024

Computer Science Major Capstone project:

Over eight months, my team and I developed an AWS based video sharing website, using an agile project management style. This was completed to the specification of a client looking for a serverless video sharing platform. Features included user management, video sharing and a face blurring service.
- Frontend: React.js
- Backend: 10+ AWS services (For database management, user authentication, face detection, serverless computing (python), domain registration, CDN)

Jan 2023-April Jan 2023

I built a website that acted as a camelcamelcamel.com clone. It was a full stack system that tracked Amazon products, listed price history and had email notification service.
- Frontend: Javascript, Backend: PHP + SQL

2017-2018

A&W

Worked as both a Cashier and line cook, where I gained valuable experience interacting with customers. While working as a Cashier, I was scouted by a server at Cactus Club as he thought I would be a great fit working there.

2018-2023

Cactus Club Cafe

From an entry level position working in appetizers and deserts, I quickly worked my way into a leadership position as an entrée Chef at the Cactus Club Cafe during summer months throughout university. This gave me experience working in high pressure environments, while maintaining great attention to detail. In such an environment it was critical that I excelled at interpersonal skills to work with countless different people.

Graduation June 2024

UBCO, Kelowna - *Bachelor of Science, majoring in Computer Science*

Handsworth High School

Relevant Coursework:
- Machine Architecture (COSC 211)
- Discrete Structures (COSC 221)
- Data Structures (COSC 222)
- Data Analytics (COSC 301)
- Software Engineering (COSC 310)
- Analysis of Algorithms (COSC 320)
- Networks (COSC 328)
- Human Computer Interaction (COSC 341)
- Web Programming (COSC 360)
- Image Processing and Applications(COSC 344)
- Computer Vision (COSC 444)
- Capstone Software Engineering (COSC 499)

Key Skills Learned:
- Assembly programming languages, memory and cache organization
- Sets, logic, combinatorics and graph theory
- Data structures such as: lists, stacks, queues, trees and graphs
- Automation using scripting, Manipulation of small and large data
- Time complexity, computation complexity, various algorithms
- Life cycle models, software development tools, standard practices
- Internet architecture, web protocols, network programing, etc
- Design principles, user-centered design, user task analysis
- User interfaces, client and server side scripting,
- Image enhancement, frequency domain and transform analysis
- Feature detection and matching, geometric and multi-view vision.
- Team software development for a client, formal reports and presentations