Richard Zhou

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Experiences

Software Engineer Internship | Matchya (4 Months)   *May 2024 – Aug 2024*
- TypeScript, React, Vite, Python, AWS lamba, Serverless Articheture, Microservices, Docker, Terraform, OpenAI API
- Develop User-Interface using React and Backend API's with python (Handling HTTP request from frontend)
- work on a few interfaces (inbound and outbound).
- Help Develop an AI-powered, interactive interview platform designed for context-based assessments, allowing employers to hire based on dynamic, real-world scenarios rather than traditional resumes or generic tests. Integrated video calling to facilitate live interview-style interactions.

Technical Support Engineer | Royal Pacific Realty (10 months)   *Jan 2023 – October 2023*
- Improved and maintained the company website using JavaScript, CSS, and HTML, enhancing its functionality and user experience.
- Developed Python scripts to automate data tasks, reducing manual data entry and increasing team efficiency.
- Provided technical support by diagnosing and resolving computer and network issues, improving operational efficiency across the company.
- Contributed to a better working environment by optimizing internal systems and ensuring smooth technological operations.

Telus Sales Representative   *April 2022 – Dec 2022*
- Facilitated regular training sessions, improving product knowledge and customer service skills within the team.
- Mentored team members, offering guidance on sales strategies and customer engagement.

Projects

Personal Website   GitHub
- Developed and designed a personal website showcasing projects and skills
- Technologies: JavaScript, CSS, HTML

Class Poll Automation Script   GitHub
- Automated iClicker poll participation based on class schedules.
- Used Selenium to handle login, class detection, and poll interaction.
- Implemented time-based checks to run only during active classes.
- Technologies: Python, Selenium, Web Driver

Black Jack Online Game   GitHub
- Developed an online Blackjack game, implementing core game rules and user interface.
- Technologies: JavaScript, CSS, HTML, Object Oriented Programming

Study Planner   GitHub
- Developed an interactive application to help users organize and manage study schedules.
- Implemented features for scheduling and tracking progress.
- Technologies: Java,JUnit, Object Oriented Programming

Technical Skills

Languages: Python, TypeScript, JavaScript, Java, C++, Go, SQL
Frameworks: Django, React, NextJs, Spring Boot, Flask, JUnit
Developer Tools: Git, AWS, Docker, terraform, figma, Intellij, VSCode

Education

The University of British Columbia   **Vancouver, BC**
Candidate for Bachelor of Science (B.Sc.) in Computer Science
- **Relevant Coursework:** *Computation, Programs, and Programming, Models of Computation, Software Construction, Data and Algorithm, Computer Networking, Rational Database,*