Derek Huang

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EDUCATION

Simon Fraser University, B.Sc. Joint Major in Business Administration and Computing Science (Co-op)
Burnaby, BC—Sep 2020 to Present

- CGPA: 3.60/4.33
- Relevant Coursework: Software Engineering, Data Structures, Database Systems, Computer Systems, Business Technology Management, Project Management, Mobile App Programming
- Awards: Dean's Honour Roll, President's Honour Roll, SFU Open Scholarship

National University of Singapore, SFU Study Abroad Program
Singapore—Jan 2023 to May 2023

- Relevant Coursework: Programming for Business Analytics
- Awards: Beedie Study Abroad Award

EXPERIENCE

D-Wave Systems, Business Analyst Co-op
Burnaby, BC—Sep 2022 to Dec 2022

- Performed user acceptance testing (UAT) on new features with Postman and Salesforce, then developed training material for relevant stakeholders to use.
- Performed requirements gathering for upcoming projects and developed project charters.
- Developed Power BI report pages for newly tracked data and presented them to executive stakeholders.
- Maintained Power BI dashboards and managed database connections for data integrity.

SFU MIS Association, Corporate Relations Coordinator
Burnaby, BC—Sep 2021 to Jun 2022

- Conducted outreach to companies for event sponsorships and partnerships through cold calls with professionals on LinkedIn.
- Onboarded and coordinated with professional stakeholders, ensuring smooth logistics for various events.

PROJECTS

Dead City Chronicles | *Java, Junit, JaCoCo*
Vancouver, BC—Sep 2023 to Dec 2023

- Designed and developed a 2D maze game in Java following object-oriented design principles
- Ensured game quality and functionality through unit and integration testing using Junit and JaCoCo

Flights Analysis Project | *Python, pandas, NumPy, Matplotlib, scikit-learn*
Singapore—Mar 2023 to April 2023

- Conducted analysis of airline performance, focusing on delays and cancellations using python libraries such as pandas, NumPy, and Matplotlib.
- Cleaned and analyzed data utilizing linear regression modeling to identify factors impacting delays.
- Presented project findings during class, effectively communicating complex data analysis to peers and instructor in a digestible manner.

Hospital Bot | *Python, Flask, Twilio, Beautiful Soup, Selenium, Heroku, Google Maps API*
Vancouver, BC—May 2022 to June 2022

- Developed an SMS-based chatbot providing users with real-time data on the fastest way to a hospital room.
- Used Selenium, Beautiful Soup, NumPy, and Pandas to perform web scraping and processing data.
- Deployed app using Twilio, Flask, and Heroku.

SKILLS AND INTERESTS

Languages   Python, C/C++, Java, Kotlin, JavaScript, HTML, CSS, SQL, Matlab
Skills   Agile, Linux, Git, Power BI, Data Visualization**,** JUnit
Interests   Weightlifting, Hockey, Hiking, Coffee, Cats, Mechanical keyboards, Bouldering, Sustainability