

AKASH BHATTHAL

Orinda, CA | akash_bhatthal@sfu.ca | abhatthal.com



Education

SIMON FRASER UNIVERSITY

Bachelor of Science – BS, Software Systems
2017 – 2022

Experience

SOFTWARE ENGINEERING TA, CODE PLATOON

FEB 1, 2021 – PRESENT

- Teach data structures, algorithms, and fundamentals of computer science
- Assist students with programming assignments and web development projects
- Built web applications using modern frameworks including Django and React

TELLER, BC CURRENCY EXCHANGE

JUL 2016 – AUG 2017

- Exchanged currencies and precious metals in a fast-paced environment
- Ensured the safe handling and transfer of sensitive customer data through overseas transactions
- Utilized financial domain knowledge in identifying transaction errors in real-time

Projects

KRAKEN

A sophisticated user-management, moderation, and logging application for the real-time messaging platform, Discord. It maintains and backs up logs of user infractions and enforces rules as specified by server administrators. Kraken is built with Python and Discord.py.

BOBBY'S BREAKOUT

A single-player, open-world adventure game created by a team of five students for a software engineering course. The game focuses on our professor, Bobby Chan, trying to get home after a long day of work. Bobby's Breakout is built with Node, Express, Konva, and Socket.io.

MY PORTFOLIO

A website portfolio outlining my personal projects, work, volunteer, and academic experiences in detail. My portfolio is built from scratch without the use of any web frameworks.

Skills



MS SQL Server, MySQL, PostgreSQL, SQLite
Python, NumPy, Pandas, Hadoop, PySpark
React, Redux, JS, HTML, CSS
Node, Django, Flask, Spring Boot, Thymeleaf