

# AKASH BHATTHAL

[github.com/abhatthal](https://github.com/abhatthal) | [linkedin.com/in/abhatthal](https://linkedin.com/in/abhatthal) | [abhatthal.com](https://abhatthal.com)

## Education

### SIMON FRASER UNIVERSITY

Bachelor of Science, Computer Science  
2017 - 2022

## Skills

### Web Dev

React, Django, Flask

### Data Science

NumPy, Pandas, Spark

### Compilers

LLVM IR, Parabix, Neon

## Experience

### BOOTCAMP PREP INSTRUCTOR, CODE PLATOON

AUG 2021 – SEP 2021

- Prepared and gave lectures to classes of military veterans on programming fundamentals in JavaScript

### SOFTWARE ENGINEERING TA, CODE PLATOON

FEB 2021 – MAY 2021

- Taught data structures, algorithms, and fundamentals of computer science
- Assisted 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

### PARABIX ON ARM

- Ported the Parabix framework onto Arm processors utilizing Neon intrinsics

### THE GIVING TREE

- Designed and developed a clicker game with Unity and C#
- Led a team of 4 developers using Agile methodology

### KRAKEN

- Built and maintained a Discord bot for user-management, moderation and logging using Python and Discord.py

### BOBBY'S BREAKOUT

- Built a 2D platformer game with Node, Express, Konva, and Socket.io
- Collaborated with a team of 6 developers