Huy Tran

2nd Year Statistics, The University of British Columbia
Expected Graduation 2022

CONTACT

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LANGUAGES

- Python
- Java
- C, C++
- SQL
- JavaScript
- Assembly

TECHNOLOGIES

- Git
- RESTful API
- NumPy
- Bokeh
- PyTorch
- Django
- Azure
- Pandas
- MySQL
- JUnit

RELEVANT CS COURSES

- Computer Systems
- Relational Databases
- Software Construction
- Algorithms and Data Structures

RELEVANT MATH & STATS

- Calculus III
- Linear Algebra
- Elementary Statistics for Application
- Introduction to Probability

PROJECTS

Binance API Wrapper
Personal Project | February 2020

- Built an API wrapper in Python for Binance Cryptocurrency Exchange that provides fundamental functionality for novice programmers and traders to develop their own trading algorithms
- Created modules to help gather information on Binance Exchange and convert them to Pandas DataFrame to make developing data analytical application easier
- Wrote scripts to test basic functions of the modules
- devpost.com/software/bnb-api-wrapper

Linkr
nwHacks 2020 | January 2020

- Worked in a team of 3 to build a cross-platform social media that encourages real-world interactions through offline engagement
- Developed the backend with Django and incorporated Face API, MySQL database from Microsoft Azure
- Came up with a method to pass images taken by phone to Face API and send back response in real time
- devpost.com/software/linkr

Super Warm
Runner-up | Build Day – UBC Local Hack Day 2019 | December 2019

- Developed a mental health forum web app that aims to connect students with mental health resources and allows anonymous posting
- Built the JSON parser to collect users and postings data from REST response and modules for data storage and object-oriented programming in Java, which would allow us to develop a cross-platform application in the future
- devpost.com/software/super-warm

WORK EXPERIENCE

Teaching Assistant · UBC Department of Computer Science
Vancouver, BC | January 2020 – Present

- Oversee 9 hours of weekly labs, each with over 25 students, by providing tutorials in Assembly and C and conceptual explanation of software architecture, I/O architecture, and operating system
- Make preparations by completing all lab assignments in advance to be able to assist the students
- Develop strong communication skills by participating in weekly staff meetings to discuss issues, approaches to helping students, scheduling and upcoming deadlines
- Adapt explanations according to students understanding and support students in deepening their understanding when there were gaps in their comprehension
- Grade assignments in a timely manner and provided feedback