Michael Tuntang

mtuntang@student.ubc.ca | linkedin.com/in/mtuntang | github.com/mtuntang | mtuntang.github.io/Portfolio

EDUCATION

The University of British Columbia	Vancouver, BC
BSc Major in Computer Science, Minor in Commerce	*Aug. 2018 – Expected May 2023*

Relevant Coursework

Software Engineering, Machine Learning, Machine Architecture, Data Structures & Algorithms, Relational Databases

EXPERIENCE

Kabam Games	Sept 2021 - Present

The University of British Columbia
- Worked on the Gameplay team for mobile fighting game Marvel Contest of Champions.
- Collaborated with designers, back-end and QA on various features and bug fixes.
- Improved developer workflow by significantly improving in-house debugging tools.
- Used Visual Code, C# and Unity as well as Jira and Perforce for task management.

Summer Project Assistant	May 2019 - Aug 2019

The University of British Columbia
- Built a web application to explore UBC Okanagan's course unions, contacts, etc.
- Developed front-end and back-end using PHP, HTML5, CSS, JavaScript and designed a relational database using MySQL.

PROJECTS

Snake Game | *C# Windows Forms*
- Created an iteration of the classic snake game.
- Designed the game architecture and implemented game logic.
- Fully playable and ready to download through Github.

What The Fridge | *TypeScript, JavaScript (Node.js), HTML/CSS, Apollo GraphQL*
- Developed a web solution to tracking fridge inventory and grocery lists with a team of 4 people.
- Designed and implemented dark mode scheme, date picker and resolved front-end issues.
- Created resolvers and mutations for queries back-end side.

Insight UBC | *TypeScript, JavaScript (Node.js), HTML/CSS, Mocha/Chai*
- Built a web application using Node.js and HTML/CSS that parses datasets about course information in UBC, and returns a set of courses that meet the user's criteria (i.e average > 80%)
- Built a web API that can parse a query from the web application that can add and remove a dataset.
- Developed an automated test suite for the front-end and back-end using Mocha/Chai.

U.S. Presidential (Trump-vs-Biden) Tweet Classifier | *Python, NumPy, Scikit-learn, Pandas*
- Developed a machine learning model (binary classifier) to classify tweets from Donald J. Trump and Joe Biden.
- Built a stacking ensemble that consists of a random forest classifier, naïve bayes, K nearest neighbours with cosine similarity achieving 0.226 testing error.

TECHNICAL SKILLS

Languages: Java, Python, C, C++, C# SQL, JavaScript, TypeScript, HTML/CSS
Frameworks: React, Node.js, Mocha.js, Chai.js, npm, JUnit, Bootstrap
Developer Tools: Git, VS Code, Visual Studio, MySQL, Jupyter Notebook, IntelliJ, Eclipse, Figma
Libraries: pandas, NumPy, scikit-learn, Matplotlib