Mai Vi Vuong

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EDUCATION

George Mason University   **Expected May 2022**
B.S. Computer Science   *Fairfax, VA*
Honors College
- Cumulative GPA: 3.31 | Major GPA: 3.54
- Dean's List, Fall 2019 through Fall 2020

Advanced Courses

Object Oriented Programming | Data Structures | Low Level Programming | Systems Programming
Software Engineering | Formal Methods & Models | Linear Algebra | Multivariable Calculus

Technical Skills

Programming Languages: Java | Python | Javascript | C | Assembly | HTML5/CSS
Applications/OS/Frameworks: UNIX | OSX | Vim | Google Analytics | LaTeX | NodeJS

PROJECTS

Stock Market Bot   **Spring, 2021**
- Built discord bot that reports live stock prices, daily/monthly/quarterly/annually gainers losers and movers, and numerous other commands related to information about the NASDAQ, DOW, FTSE, SP500, and Crypto
- Developed backend with discord and finance libraries in python, and NodeJS framework

Graph GUI   **Fall, 2020**
- Developed internal representation of graph data structure and simulate simple interactive graph editing program
- Used JUNG library and Java collections framework

Covid Decision Tree   **Fall, 2020**
- Command line prompts user a series of questions related to COVID symptoms, program determines if user should get tested based on their responses to questions
- Program allows user to edit tree by prompting user input of new symptoms

Tetris Copycat Game   **Spring, 2020**
- Developed Tetris using Pygame by creating 2D array block objects on top of a playing grid
- Program opens with a menu screen. After game starts, random blocks fall, user can change block's orientation. If whole row is filled, it disappears and the rows above shift down

Interactive Photo Gallery   **Spring, 2019**
- Used HTML/CSS/Javascript to produce a dynamic photo portfolio website

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EXPERIENCE

NOVETTA (Tentative)   **May 2021 – August 2021**
Cloud Development Intern   *McClain, VA*
- Technologies used: GitLab CI, Docker, Amazon Web Services (AWS), Microsoft Azure
- Server side and client side projects involving data storage, automation, cybersecurity to develop cloud native applications

STRIDER PRO   **October 2020 – January 2021**
Data Analyst   *Remote*
- Analyzed company data to assess key performance (KPIs), and created weekly interactive data reports.
- Software: Excel pivot tables, Google Analytics, Data Studio
- KPIs: Revenue Trends over time, Abandoned checkouts, member frustration, Social media growth

OCHA TEA   **February 2017 – August 2018**
Shift Supervisor   *Annandale, VA*
- Interviewed and trained about 10 employees over the course of a year
- Responsible for ensuring quality customer service and product, managing employees every shift, and store cleanliness