Tim Truong

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EDUCATION

University of Massachusetts Lowell **Expected May 2024**
B.S. in Computer Science, Mathematics Minor GPA: 3.7
Dean's List Honors: 2020 - Present

- *Relevant Coursework:* Data Structures/Algorithms, Object-Oriented Programming, Assembly Language Programming, Computer Architecture, Operating Systems, GUI Programming, Software Engineering
- *Extracurriculars:* UML Table Tennis Club and Association for Computer Machinery

TECHNICAL SKILLS

Programming Languages: C, C++, C#, HTML, CSS, JavaScript, Python, SQL, Java
Frameworks/Libraries: SFML, Boost, Bootstrap, jQuery, ReactJS, NodeJS, ExpressJS
Other Tools & Technologies: Google Suite, Microsoft Office, VS Code, Linux, Git, Figma

PROFESSIONAL EXPERIENCE

UMass Lowell CS Department - Grader May 2023 - Present

- Graded student assignments and provided feedback on GUI programming concepts including event-driven programming, user interface design, and layout management.
- Enhanced student problem-solving and debugging prowess through expert technical guidance.

Self-Employed - Freelance Web Developer April 2023 - Present

- Crafted dynamic web applications for several clients, delivering impactful digital solutions.
- Elevated existing applications by resolving bugs, implementing enhancements, and adding valuable features.

PROJECTS

The Saving Portal Jan 2023

- Created an automated cashback monitoring system using Python Flask that automatically scans the best cashback rates of many platforms and displays those values both numerically and statistically.
- Collaborated with others to determine appropriate requirements and ensure project viability.

Sokoban Dec 2022

- Developed a puzzle game in C++ using the SFML library, challenging players to maneuver crates in a warehouse.
- Enhanced gameplay and user experience by using multi-dimensional arrays to track and display real-time positions of players and crates.

Solar System Simulation Feb 2022

- Constructed a solar system simulation using both C++ and the SFML graphics library.
- Utilized Ubuntu's XServer application and physics formulas to help display a realistic, animated simulation of planetary motion in our solar system.

LEADERSHIP ACTIVITIES

AT&T Summer 2021 Online Program - Summer Learning Academy Extern July 2021 - Aug 2021

- Completed professional development and business acumen curriculum.
- Acquired expertise in ethical decision-making, customer issue resolution, and captivating speech creation.
- Gained advice and insight on business and technological skills from business leaders and recognized experts.

INTERESTS

- Web Development, Software Development, Video Games, Artificial Intelligence, Robotics