

# Tim Truong

[Tim\\_Truong1@student.uml.edu](mailto:Tim_Truong1@student.uml.edu) | [github.com/teateatime](https://github.com/teateatime) | [linkedin.com/in/tim-t-truong](https://www.linkedin.com/in/tim-t-truong)

Worcester, MA | [Portfolio: teatimeportfolio.vercel.app](https://teatimeportfolio.vercel.app) | (774) 633-5744

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## EDUCATION

**University of Massachusetts Lowell**

**Expected May 2024**

*B.S. in Computer Science, Mathematics Minor*

GPA: 3.7

- Relevant Coursework: GUI Programming, Software Engineering, Databases, Operating Systems
  - *Extracurriculars*: UML Table Tennis Club, Cloud Computing Club, and ACM Club
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## TECHNICAL SKILLS

**Programming Languages**: C, C++, TypeScript, JavaScript, Python, SQL, Java

**Frameworks/Libraries**: SFML, Bootstrap, jQuery, ReactJS, NodeJS, ExpressJS, Jest

**Other Tools & Technologies**: VS Code, Linux, Git, Figma, Firebase, Postman, Jira

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## PROFESSIONAL EXPERIENCE

**UMass Lowell CS & Math Department** - Teaching Assistant & Learning Assistant

**May 2023 - Present**

- Facilitated tutoring sessions to clarify intricate GUI and mathematical concepts, providing thoughtful feedback to enhance understanding of GUI and mathematical principles.
- Strengthened debugging skills through complex error identification and troubleshooting of GUI assignments.
- Implemented an automated grading script with Jest, reducing grading time by 30% and streamlining the assessment process for 200+ assignments.

**Self-Employed** - Freelance Web Developer

**April 2023 - Sept 2023**

- Developed and deployed dynamic web applications for multiple clients, delivering impactful digital solutions.
  - Elevated existing applications by conducting rigorous integration testing to identify and rectify bugs, while also introducing enhancements and valuable features to ensure optimal functionality and user satisfaction.
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## PROJECTS

**Animeta** - <https://animeta-6673e.web.app/>

**July 2023 - Aug 2023**

- Built a robust Anime Management app using FERN (Firebase, Express, React, Node.js) Stack and Jikan API, enabling efficient anime and manga preference management for users.
- Integrated Firebase for secure user authentication and optimized server-side functionality, enhancing API responses through caching for a seamless user experience.
- Enhanced web performance and maintained app reliability through API testing with Postman and Google Analytics.

**Blackjack** - <https://blackjack-mvc.vercel.app/>

**June 2023**

- Developed a captivating Blackjack website using HTML, CSS, and JavaScript, implementing the MVC design framework for a modular and scalable code architecture, resulting in an immersive user interface.
- Enhanced user experiences through captivating UI enhancements utilizing Bootstrap to elevate website visuals.
- Leveraged the Prototype Pattern to optimize game functionality and improve code efficiency.

**The Saving Portal**

**Jan 2023**

- Created an automated cashback monitoring system with Flask and Selenium, proficiently analyzing data from 20+ platforms and showcasing optimal cashback rates through dynamic visualization using EChartsJS.
  - Collaborated with others using Agile methodology to define optimal requirements and ensure project viability.
  - Utilized Figma for UI design and prototyping, bolstering teamwork toward a user-centric, visually appealing design.
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## LEADERSHIP ACTIVITIES

**UMass Lowell Table Tennis Club**

**Jan 2022 - Present**

- Collaborated closely with the E-board to assist in planning schedules, managing funds, and coordinating club events.

**AT&T Summer 2021 Online Program** - Summer Learning Academy Extern

**July 2021 - Aug 2021**

- Completed professional development and business acumen curriculum.
- Acquired expertise and insight on business and technological skills from business leaders and recognized experts.