Tyler Too

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EDUCATION

University of Illinois Urbana-Champaign | Bachelor of Science in Statistics & Computer Science — Expected May 2026

SKILLS

- Programming Languages: Proficient in Python, C++, HTML, CSS, SQL, F#, Familiar in C#, Javascript, Flutter, Dart
- Frameworks/Tools/Technologies: Visual Studio, Github, Git, Microsoft Teams, iMovie, Garageband
- Eagle Scout |Led volunteers to build little libraries for local parks | Volunteered 100+ hours | Nov. 2017 - Present

EXPERIENCE

AI Training Engineer — May 2024 - July 2024

Outlier AI | Remote

- Crafted challenging prompts for an AI model to respond to, enhancing its creative and problem-solving capabilities, resulting in a 25% improvement in coding efficiency.
- Analyzed and optimized AI-generated code in Python and C++ to improve model accuracy and problem-solving capabilities.
- Led code review response ranking assessments to evaluate AI-generated outputs based on accuracy and correctness

Web Accessibility Intern — June 2023 - Aug 2023

UIC | Chicago, IL

- Conducted comprehensive accessibility testing of software, websites, and digital content to ensure compliance with ADA, Section 508, and WCAG guidelines and standards.
- Used HTML, Javascript, and CSS to structure web content with accessibility best practices in mind
- Presented findings and recommendations to senior team members, resulting in the implementation of key accessibility improvements that enhanced the user experience for individuals with disabilities.

SparkHacks — Feb 2024 - Feb 2024

UIC | Chicago, IL

- Collaborated with a team of four members to develop FlavorLens, a web application aimed at reducing food waste and providing recipe suggestions based on uploaded images of leftovers.
- Leveraged coding and problem-solving skills to integrate FastAPI, Google Cloud Vision API, and Spoonacular API, enabling image processing and recipe generation functionalities.

PROGRAMMING PROJECTS

UIUC/UIC Class Schedule to Google Calendar (Javascript, Google Calendar API, Github pages) — July 2024

- Developed a website to automate the process of adding class schedules to Google Calendar, eliminating the need for manual entry and improving efficiency, achieving 2,900+ impressions since launch.
- Integrated Google Calendar API and OAuth 2.0 authentication to securely connect user accounts and schedule classes
- Implemented event creation with custom recurrence rules using JavaScript, enhancing user experience.

CTA Database App (Python, SQLite) — January 2024

- Developed a console-based Python program utilizing SQL to interface with a CTA daily ridership database
- Implemented functionalities including querying station data, calculating ridership percentages, and ridership trends

Minimum Popular Vote Calculator (C, GoogleTest) — October 2023

- Conducted analysis of Electoral College's impact on presidential elections, validated results with comprehensive testing
- Validated recursive algorithm optimized with memoization, to determine minimum popular votes required for victory

Fitness App (IOS, Flutter, Dart) — August 2023

- Developed a full stack prototype fitness tracking application using Flutter and Dart inspired by MyFitnessPal
- Experimented with various Flutter widgets and layout techniques to create a visually appealing user interface.