OLIVIA FLYNN

oaflynn98@gmail.com • olivia-flynn.com • github.com/flynnolivia

I am a driven computer scientist with a **lifelong fascination for cognitive processes**. I apply this in my career as a frontend developer, where I create streamlined, yet intuitive, user experiences to minimize cognitive load. Going forward, I hope to **work with more modalities of human-computer interaction** and explore the field of ubiquitous computing.

PROFESSIONAL EXPERIENCE

Microsoft Edge Developer Tools, *Software Engineer*, Redmond, WA   **Feb 2021 — Present**
- Enhanced the Edge Developer Tools (DevTools) and peripheral products by **contributing 10 features and 30+ bug fixes to open source repositories** like the Chromium Project and Microsoft's proprietary repository.
- Ensured that new features were **accessible, impactful, secure, privacy-compliant, and robust** via manual accessibility passes, thorough cross-team reviews, and writing end-to-end tests.
- **Mentored 3 interns & 1 new-hire** by explaining the team's codebase & dev process (e.g. compliance, testing, agile, etc.), unblocking & teaching through peer programming, & advising via regular in-person & virtual meetings.

Highlighted Project 1: Rendering the Welcome Tool with Dynamic Content   **May 2022**
- **Increased documentation page views by 500-800%** by formulating ideas for a new UI with the team, and developing a redesigned UI that showcased our docs, help articles, & release notes more prominently.
- **Streamlined the process of updating the Welcome Tool, saving 4+ hours per month and decreasing the likelihood of bugs** by automating error-prone steps and eliminating the need to check in code.

Highlighted Project 2: Webhint and the Issues Tool   **Feb 2022**
- Managed the open source repository for Webhint through maintenance work, code reviews, and facilitating releases to platforms including NPM, Visual Studio Marketplace, Chrome Extension Store, and more.
- Extended the Webhint + Issues Tool integration to filter by browser & severity, **delivering a top 3 feature.**

Highlighted Project 3: Migrating the DevTools-VSCode Integration System   **Aug 2021**
- Audited the codebase for areas to migrate and created a detailed migration plan, which **allowed 3-4 engineers to work in parallel** and significantly lowered the risk of duplicating work due to miscommunication.
- Contributed to the migration through code changes, collaborating with other engineers to establish a system that **saved 2+ weeks of maintenance work per month** and allowed for much more robust testing.

Highlighted Project 4: Onboarding in the "Edge Tools for VSCode" Extension   **April 2021**
- Designed and implemented an onboarding flow in the extension, allowing users to generate a configuration file or learn how to get started without one, which caused a **400% increase in usage** the following month.
- Enabled integration between in-browser DevTools and VSCode by developing a UX to guide customers through set-up & facilitate discoverability—**a competitive differentiator highlighted in public marketing.**

Syracuse University, *Research Assistant*   **Jan 2020 — Feb 2021**
Analyzing Attention in Online Health Forums   Dr. Lu Xiao, School of Information Studies
- **Wrote and published a paper as the first author in SpringerLink's Lecture Notes on Computer Science** after developing Python scripts to analyze correlation between linguistic features & attention metrics in Reddit submissions.

ACTIVITIES

Cottage Corpse, *Co-Founder and Bassist*   June 2021 — Present
- Formed a 4 piece indie-pop band, designed the logo & merch, and managed social media accounts. Currently perform at **1-2 paid shows per month** (Seattle area) and **recently debuted on most streaming platforms**.

Innovate Orange, *Co-Founder*   September 2018 - May 2020
- **Founded a hackathon club, recruited & led a team of 10-12 organizers** in planning an annual hackathon, CuseHacks, raised **$11,000+** in corporate sponsorship, and drew **200+ attendees** across several universities.

SKILLS

Current: Typescript, HTML, CSS, Git, Jest, Puppeteer, SQL, Azure DevOps; **Previous:** Python, React, Unix, C++, Java, Angular 2
Side Projects: Web app for collaborative music queueing using Spotify APIs (before they launched their own); a script to detect arbitrage opportunities among Web3 token exchanges; and a script to optimize hotel discounts.

EDUCATION

Syracuse University, College of Engineering and Computer Science
Master of Science in Computer Science; GPA: 4.0   Sep 2019 — Dec 2020
Bachelor of Science in Computer Science, Minor in Cognitive Science; GPA: 3.99   Sep 2016 — Dec 2019
Honors & Awards: Summa cum laude • Warren Semon Prize (awarded to 1 out of 315 EECS students) • Outstanding Graduate Student in Computer Science (awarded to 1 out of 427 CS students) • Donofrio Scholar (top 2% of engineering students)