

Zachary Cohn

Software Engineer

New York

(646)-477-2420

zcohn@wustl.edu

Links

[Webiste](#) | [LinkedIn](#) | [Github](#)

Skills

Python, JavaScript/TypeScript, MERN Stack (MongoDB, Express, React, Node.js), Next.js, HTML/CSS, AWS (Amazon Web Services), Git, Flask, Firebase, Socket.io, C#, WPF (Windows Presentation Foundation), VB.NET, Symfony, LAMP Stack (Linux, Apache, MySQL, PHP), jQuery, Arduino C

Employment history

Creative Conners, Inc | Software Engineer Intern

Jun 2023 - Aug 2023

- Developed dark mode for Spikemark scenic automation software (C#, [VB.NET](#));
 - Developed colorblind modes
 - Refactored component styling system
 - Participated in code reviews
 - Trained in machine assembly and testing
- VB.NET, C#, WPF, Git

McKelvey School of Engineering, Washington University in St. Louis | Head Teaching Assistant

Sep 2022 - Present

- Hold office hours, in-class help sessions
 - Developed autograding systems, built with Python, to expedite grading processes
 - Produced TA training material
 - Contributed to course textbook
 - Manage a team of teaching assistants and provide guidance and support to ensure effective delivery of course material and student support
- HTML/CSS, Git, AWS Linux instances, LAMP stack (Linux, Apache, MySQL, PHP), Python scripting and Regex, Javascript (AJAX), Socket.IO, Flask, MERN stack (MongoDB, Express, React, Node.JS)

Edison Theater | Student Technician

Sep 2022 - Present

- Assist in coordinating and executing technical aspects of performances, such as set changes, audio/video/lighting cues, flyrail
- Participate in the planning and execution of technical rehearsals and performances.

Center Stage Software | Web Developer Intern

Jun 2022 - Oct 2022

- Led the development of a new customer-facing ticketing web app
 - Contributed to migration of Windows admin application to web-based product
 - Built custom jQuery plugins
- PHP, JavaScript, HTML/CSS, jQuery

Education

Bachelors Degree | Washington University In St. Louis

Sep 2021 - Present

Expected Graduation: May, 2025

Drama (Technical Theatre) major, Computer Science minor

Dean's List (FL 2021, SP 2022, FL 2023)

References

Todd Sproull (Teaching Prof., ITA Director)

Mckelvey School of Engineering, WashU

todd@wustl.edu

(314)-935-7140

Sean Savoie (Sr. Lecturer, Lighting Design)

Washington University in St. Louis

ssavoie@wustl.edu

(513) 319-8407