

Zachary Cohn

Software Engineer

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Links

- [Website](#)
- [LinkedIn](#)
- [Github](#)

Skills

Python, Javascript, Typescript, C#, Arduino C, Git, HTML/CSS, AWS, LAMP (Linux, Apache, MySQL, PHP), MERN (MongoDB, Express, React, Node), Next.JS, Flask, Socket.IO, jQuery, VB.NET, WPF,

Employment history

JUN, 2023 - AUG, 2023

WARREN, RI

Software Engineer Intern, Creative Conners, Inc

- Developed dark mode for Spikemark scenic automation software (C#, VB.NET); trained in machine assembly and operation
- Trained in machine assembly and testing

VB.NET, C#, WPF, Git

SEP, 2022 - PRESENT

ST. LOUIS, MO

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

- Hold office hours, in-class help sessions; led effort to rewrite course textbook
- Developed autograding systems, built with Python, to expedite grading processes
- Produced TA training material
- Contributed to course textbook

HTML/CSS, Git, AWS Linux instances, LAMP stack (Linux, Apache, MySQL, PHP), Python scripting and Regex, Javascript (AJAX), Node.JS, Socket.IO, Flask

SEP, 2022 - PRESENT

Student Technician, Edison Theater

- 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.

JUN, 2022 - OCT, 2022

Web Developer Intern, Center Stage Software

- 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

SEP, 2021 - JUN, 2022

ST. LOUIS, MO

Student Assistant, Media Services, Washington University in St. Louis

- Facilitated setup and operation of video and audio recording equipment, live streaming of university events
- Video editing in Final Cut Pro (including color correction, and sound editing)

Education

SEP, 2021 - PRESENT

Bachelors Degree, Washington University In St. Louis

Drama + Computer Science