

# Zachary Cohn

Software Engineer

New York

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## 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*

Drama (Technical Theatre) major, Computer Science minor

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

## References

### Todd Sproull

*McKelvey School of Engineering, WashU*

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### Sean Savoie

*Washington University in St. Louis*

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