

Experience

Software Engineer	Microsoft	July 2020 – Present
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Microsoft Teams Calling, Meetings, and Devices

- Working on calling and meetings features for the Microsoft Teams web client.
- Implemented and shipped client-side code for screensharing presenter modes in collaboration with two teammates, which sees around 100,000 uses per day.
- Designed and drove client-side implementation for key features for Teams VDI solution, including multi-window experience, background effects, and give/take control during screensharing. Many of these features are top customer blockers for migration from Skype for Business. Defined E2E designs in collaboration with internal and external partners.
- Designed, implemented, and supported various background effects features, including branded backgrounds, background blur for anonymous users, and separate backgrounds for consumer Teams.

Software Engineering Intern	Visa, Inc	May 2019 – August 2019
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Merchant and Acquirer Processing Site Reliability Engineering

- Designed and implemented RESTful service to serve as single point of integration for thousands of monitoring alerts from several different tools to display in a unified UI.
- Integrated Grafana into alert service as a UI and built dashboards to display previously unavailable aggregations and visualizations of alert data.

Software Engineering Intern	Datamaxx Group	May 2018 – August 2018
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Redtail Security

- Implemented drug screening features for enterprise security and screening web application used by several collegiate and professional sports teams and the United States Army Corps of Engineers.
- Contributed code now in production across the entire stack, from UI components using HTML, jQuery, and Bootstrap to backend APIs in C#.
- Assisted in QA efforts and found and fixed several previously unknown issues before release to production.

Teaching Assistant	Georgia Institute of Technology	August 2017 – May 2020
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- Courses: Intro to Object Oriented Programming, Systems and Networks (Head Teaching Assistant)
- Hired, managed, and mentored a team of 12 teaching assistants.
- Created and presented course material to students in weekly recitations and held office hours to help students debug assignments such as a virtual memory simulator and multi-threaded networking project.
- Developed new course materials and developed infrastructure on the fly to facilitate the sudden shift to distance learning for 250 students in response to COVID-19.

Education

Atlanta, GA	Georgia Institute of Technology	Fall 2016 – May 2020
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- Awarded Bachelor's of Science in Computer Science
- GPA: 3.70 / 4.0
- Concentrations: Systems and Architecture, Artificial Intelligence
- Accolades: Outstanding Undergraduate Teaching Assistant (2020), Dean's List (all semesters), Faculty Honors (Spring 2019, Spring 2020)

Technologies

- Javascript/Typescript, Java, Python, C, C#
- React, GraphQL, Angular