LinkedIn
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ALESSA SOMER

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EDUCATION

Williams, MA	**Williams College**	**Fall 2021 – Spring 2025**

- B.A: Computer Science and Statistics
- Teaching Assistant for introductory and upper-level CS courses over five semesters
- Activities include Williams Investment Group, UniCS Board Member (Underrepresented Identities in Computer Science), WSO (student-run website for Williams College)

EMPLOYMENT

Google

Software Engineer, Intern   **Cambridge, MA**
RWJ Maps Team   *Summer 2024*

- Enriched the restaurant search experience on Tactile (Google Maps Web) by implementing a new tab on restaurant placesheets using Typescript and Java
- Created a design doc for the feature where I designed the architecture of the tab, weighed decision decisions, and iterated with feedback from the entire team
- Brought valuable data into Web Maps by locating the correct proto for the desired data, requesting the data, piping it through the client, and rendering the content in a new tab
- Wrote and executed Unit tests and UX tests for all features

Software Engineer, Intern   **New York City, NY**
Ads Team   *Summer 2023*

- Developed the front end of new filter chips on the Advertiser Platform's recommendation page using Dart, Java, HTML, and CSS which has since rolled into production for millions of users.
- Designed and implemented a close feature for dialog boxes for the Ads Optimization Team
- Fixed ten bugs in the Ads API using Java

STEP (Engineering) Intern   **San Francisco, CA**
Android Automotive Team   *Summer 2022*

- Created a UI for the Ultrawideband team to visualize the location technology of an innovative Bluetooth tool using Android Studio, Blaze, Java, and XML
- Completed the development process, including writing design docs, implementing, creating espresso tests, and rolling out UI
- Attended several Android Auto conferences and presented my UI to multiple teams

Break Through Tech AI @ MIT Schwartzman College of Computing   *May 2024-Present*

- Selected through a competitive application process to participate in a year-long program that offers • industry-relevant training in data analysis and machine learning model development
- Implement and optimize AI models using Python, TensorFlow, and PyTorch.
- Participate in weekly labs and monthly maker fairs to implement ML solutions for Industry partners

Software Engineer   **CACI International Inc**   *Summer 2021*
Computer and Information Technology Company

- Created a Javascript Web App that validates different data fields from a circuit board to be used by electrical engineers within the company
- Worked with Vue.js, Vuelidate, Node.js, and Gitlab
- Created 10+ custom validators in Javascript

Programming Consultant   **Plexus Notes**   *November 2021 – February 2022*
Plexus is a smart note-taking startup founded by a Williams College alumnus

- Created Chrome extension to improve the usability of Plexus
- Consulted on the rollout of Plexus to the Williams College community

LANGUAGES AND TECHNOLOGIES

- Java, Javascript/Typescript, Python, Dart, Soy, HTML + CSS, C, R, Stata, SQL, Git, AWS, Jupyter Notebook, TensorFlow, Pytorch, SkLearn, Pandas, NoSQL DataBase