

Alan Sun

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EDUCATION

Williams College — B.A. in Computer Science & Statistics | **GPA: 3.75**

Expected May 2023

Coursework:

- **CS:** Data Structures & Advanced Programming, Principles of Programming Languages
- **Math/Stats:** Applied Statistical Modeling, Discrete Math, Linear Algebra, Multivariable Calculus

Languages/Technologies: Java, JavaScript, React.js, R, SQL, HTML, CSS, Bootstrap, Git, Common Lisp

EXPERIENCE

Software Engineering Intern | Williams Students Online — Williamstown, MA

September 2020 - Present

React.js, JavaScript

- Active member of the frontend team in charge of developing redesigned school website, wso.williams.edu, used by 2000+ students each year.

Web Developer | Wave Learning Festival — Remote

August 2020 - Present

React.js, JavaScript

- Owned development life cycle of a new tutor dashboard for online education platform www.wavelf.org.
- Maintain CMS used by operations & data teams to access and edit the database (GraphQL on DynamoDB).
- Collaborate with a team of ten to sort through new feature requests, address bugs, and attend weekly sprints.

Calculus II Teaching Assistant | Williams College — Williamstown, MA

August 2020 - Present

- Lead TA help sessions twice a week reinforcing topics like the Fundamental Theorem, integration by parts, Euler's Method, etc.

UI/UX Design Intern | Spendlab.org — Remote

July 2020 - Present

HTML, CSS, JavaScript

- Conduct usability tests with professors and lab managers from across the United States.
- Create complete software documentation on www.spendlab.org.
- Improve the software's interface and implement new features.

PROJECTS

Williams College Ultimate Frisbee — www.williamsultimate.com

August 2020

HTML, CSS, Bootstrap

- Lead developer of the new official website for the Williams College Ultimate Organization, featuring virtual recruitment efforts necessary during the COVID-19 pandemic.

Formulacademy — alansun25.github.io/formulacademy

July 2020

HTML, CSS, JavaScript, Bootstrap

- Created a website that contains a free library of mathematical, scientific, and economic formulas and calculators.

ORGANIZATIONS

DataLab — Co-chair

September 2020 - Present

- Co-founded a student organization centered around making data science more accessible and inclusive at Williams College.
- Oversee and participate in a variety of competitions, network events, projects, and workshops.
- Organize webinars with guests including professors, alumni, and other professionals in the field of data science.

Williams Men's Ultimate Frisbee — Treasurer

September 2019 - Present

- Create and submit budget proposals, manage team bank account, and organize alumni fundraising campaigns.
- Participate in practices, lifts, and regional tournaments.