# 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, R, SQL, HTML, CSS, Bootstrap, Git

## EXPERIENCE

**Software Engineering Intern** | **Williams Students Online** — Williamstown, MA          September 2020 - Present
*React, 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, JavaScript*
- Owned development life cycle of a new tutor dashboard for online education platform www.wavelf.org.
- Collaborate with a team of ten and attend weekly sprints, sort through new feature requests, and address bugs.
- Update and maintain website frontend.

**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.
- Write and update complete software documentation and create its page on the website — 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 competitions, network events, and quarterly project rounds led by student project leads with small teams.
- 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.