

# David Major

Website: [david-major.com](http://david-major.com) | Github: [github.com/djmajor97](https://github.com/djmajor97)

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## EDUCATION

**Princeton University**, Princeton, NJ

Expected Graduation June 2020

Major: AB Computer Science | Certificate in the History and Practice of Diplomacy

GPA: 3.75

Relevant Coursework: Information Security, Advanced Programming Techniques, Algorithms & Data Structures, Intro to Programming Systems, Reasoning About Computation, CS: An Interdisciplinary Approach, Grand Strategy.

**Ramaz Upper School**, New York, NY

September 2011 - June 2015

SAT: 2380 (800 V, 780 M, 800 W)

GPA: 4.14

## WORK EXPERIENCE

**Axonius**, Tel Aviv, Israel

June 2018-Present

Axonius is an Israeli IoT cybersecurity startup with \$4M in funding from YL & Vertex Ventures.

*Software Engineering and Product Intern*

- Implemented (Python) adapters to continuously and stably read and correlate data from AWS, Google Cloud Engine, Alibaba Cloud, VMWare ESXi, and Juniper JunOS devices. Raised company's cloud coverage by 15%.
- Implemented (Python, CSS/HTML) feature that asynchronously generates security report and stores in mongo database.
- Researched and wrote report for the CEO estimating the company's coverage of the total cybersecurity market.

*Software Engineer* (Upcoming): hired as a part-time SWE for Axonius beginning in August 2018.

**Shalom Hartman Institute**, Jerusalem, Israel

June 2017 – July 2017

*Research Intern*

- Researched the 1948 Israeli-Arab war for Professor Yitzhak Benbaji and edited proposal for upcoming academic paper.

## SELECTED TECHNICAL PROJECTS

**Princeton Club Talk** ([clubtalk.herokuapp.com](http://clubtalk.herokuapp.com))

online April 2018 – Present

- Built website used by 500+ students for exploring and anonymously reviewing Princeton extracurricular clubs.
- Implemented forms in back-end using Python-based Django and entire-front end of the website using HTML, CSS, and a Bootstrap-based design; served as project leader and created product strategy and UX.

**Elephant Zoo Escape** ([github.com/djmajor97/Elephant-Arcade-Game](https://github.com/djmajor97/Elephant-Arcade-Game))

- Created (Python + Pygame) in-terminal arcade game that is publicly available for download.

## LEADERSHIP EXPERIENCE

**Business Today**, Princeton, New Jersey

March 2017– Present

*Officer of the Board, Director of Seminars*

- Lead 6-person team with \$8,000 budget; organized 10 on-campus seminars with speakers such as Stephen A. Schwarzman that reached 250+ students; oversaw 23-student trip to NYC to visit Google and other tech companies.

*Assistant Director for Executive Relations, Business Today International Conference*

- Oversaw 4-person team for the conference and personally organized 5 keynotes, 2 panels, 12 visits to NYC offices, and 50 executive seminars, involving 70+ executives including the President of Microsoft and CTO of Nasdaq.

**Princeton Center for Jewish Life (CJL)**, Princeton, NJ

December 2017 – Present

*Treasurer, Undergraduate Member of Board of Directors*

- Oversee \$10,000 budget distributed to 20+ events to serve Princeton's 300+ student Jewish community.

## SKILLS AND AWARDS

**Technical Skills:** Python, Java, C, Django, HTML/CSS. Experience with Amazon Web Services ECS, Alibaba Cloud.

**Awards:** Birthright Excel 2018 Fellow (1 of 44 students selected out of 2500+ applicants for summer-long fellowship in Tel Aviv), National Merit Letter of Commendation, Ramaz School's Waldman Computer Science Award.

**Languages:** Highly proficient in Hebrew, basic skills in Spanish.