

Education

Columbia University New York, NY

B.S. Candidate in Computer Science (GPA: 4.0)

Class of 2018

- Robert D. Lilley Award For Socially Responsible Engineering, Zvi Galil Award For Improvement in Engineering Student Life, King's Crown Community Leadership Excellence, Dean's List (All semesters)
- Head Teaching Assistant (5 semesters), Tau Beta Pi National Engineering Honor Society, National Residence Hall Honorary

Experience

Optimizely San Francisco, CA

Software Engineering Intern

May '17 – Aug '17

- Built features like mutually exclusive groups for audiences in AB experiments and customizable extensions using Python
- Designed a new architecture for Optimizely's API Gateway in Pyramid to allow consistent work flows for exposing endpoints
- Worked with senior developers and management to reduce team technology debt and document architectural best practices
- Won an internal company-wide hackathon by building an automated employee onboarding system for new hires that runs batches of configuration scripts & installers with an knowledge base to reduce onboarding using Flask, React, and Redux

Columbia University, Dept. of Computer Science New York, NY

Undergraduate Researcher

Aug '16 – Current

- Work with Dr. Alexandr Andoni to find and prove a near linear algorithm using poly-logarithmic approximation for the edit distance problem using asymmetric query complexities and recursive subsampling models

Warby Parker New York, NY

Software Engineering Intern

May '16 – Aug '16

- Worked as a full stack engineer to expose endpoints like sales order details, shipping details, and product type in Python
- Developed a map data tool that displays orders at their corresponding shipping addresses in real time whenever a purchase is made using Warby Parker's API and AWS S3 buckets and lambdas for server-less rendering
- Built a LMS platform to allow new hires to learn products, including flashcard tools, animated games, and leaderboards

The D. E. Shaw Group New York, NY

Selected Discovery Fellow

May '16 – May '16

- Invited to a week-long program as one of 20 fellows to explore the intersections of finance and technology and discussed topics such as optimization, market forecasting, and software engineering in financial markets with senior executives

Leadership

Application Development Initiative New York, NY

President

Nov '14 – Current

- Commit 30+ hours weekly to lead overall affairs of Columbia's student-led tech club such as the CS mentorship program, weekly Cookies & Code, and Columbia's annual hackathon DevFest to foster an inclusive and welcoming tech community
- Helped organize a week-long program Jumpstart for Aspiring Developers & Entrepreneurs to visit 10+ tech companies in New York and mentored participants to build their own websites by teaching JavaScript and HTML5/CSS3

Columbia University, Office of Residential Life New York, NY

Resident Adviser, Outstanding First Year RA Recipient

Aug '16 – Current

- Oversee the well-being of college students as peer resource for counseling, conflict mediation, and crisis reporting
- Host bi-weekly programs aimed at fostering a sense of community, celebrating diversity, and promoting student health

Technologies and Personal Interests

- **Technologies:** Python, Java, C, C++, Javascript, jQuery, HTML5, CSS3, SQL (PostgreSQL, MySQL)
- **Personal Interests:** Swimming, Hip-hop Dancing, Photography