

# Elan Cooper

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## EDUCATION

**Columbia University**, Columbia College, New York, NY

Expected May 2022

Bachelor of Arts in Computer Science

Relevant Coursework: Clean Object-Oriented Design, Advanced Programming, User Interface Design, Data Structures & Algorithms, Computer Science Theory, Fundamentals of Computer Systems, Introduction to Databases

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## EXPERIENCE

**Publicis Sapient**, New York, NY

June 2021 – August 2021

*Software Engineering Intern*

- Led front-end team on scheduling project for grocery market chain with over 2,000 nationwide stores in order to optimize advertisement delivery in stores
- Engineered web-based, ReactJS solution for large-scale schedule management with click-through data analytics
- Created and presented volunteer website showcasing fast-fashion and its environmental dangers

**Bimble Beverages**, Remote Internship

June 2020 – August 2020

*Software and Design Intern*

- Worked directly with founders on marketing and digital initiatives to increase revenue and brand visibility
- Added functionality to website including subscribe-and-save feature, new Shopify-led design, helped redesign website layout

**Conrad Pearson Clinic**, Memphis, TN

June 2019 – August 2019

*Information Technology Intern*

- Revamped the clinic-wide webpage that displays updated information for nurses and doctors to optimize information flow
  - Expedited technology feedback for three Midsouth locations through online architecture and HTML forum
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## PERSONAL PROJECTS

**PCPartPicker.com Build Analyzer**

October 2020 – November 2020

*GitHub Project*

- Created [Python program](#) that analyzes a user's prospective computer build and highlights which components of the system have budget discrepancies
  - Allowed for user input of a pcpartpicker.com link, which is then scraped for component pricing via the BeautifulSoup and Selenium APIs
  - Developed algorithm for allocating percentages by scraping over 3,000 of the highest-rated builds
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## LEADERSHIP & COMMUNITY INVOLVEMENT

**OnLine at Columbia**, New York, NY

September 2020 – Present

*President*

- Founded student-run group dedicated to helping students stay connected in their remote-learning environments
- Assisted students' issues with technology consulting and IT support

**Peace by Peace at Columbia**, New York, NY

September 2019 – Present

*Volunteer*

- Volunteer teaching conflict resolution at underprivileged elementary schools, teaching an average of 20 students
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## SKILLS & INTERESTS

*Languages:* Hebrew (Intermediate)

*Technical:* Java (Native Fluency), JavaScript (React, jQuery), Python (Experienced), SQL (Postgre, MySQL)

*Interests:* Web Design, PC Building, Video Game Modification, Sports Analytics, Professional Gaming, Video Production