

# Elan Cooper

ejc2188@columbia.edu | (901) 292-5283 | 256 W 108<sup>th</sup> St, New York, NY 10025 | [elanjcoop.com](http://elanjcoop.com) | [LinkedIn](#) | [GitHub](#)

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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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## SKILLS & INTERESTS

*Languages:* Hebrew (Intermediate)

*Technical:* Java (Native Fluency), Python (Experienced), C (Some Experience), SQL (Postgre, SQLite)

*Interests:* Video Game Modification, PC Building, Sports Analytics, Graphic Design, Professional Gaming, Final Cut Pro

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## RELEVANT EXPERIENCE

**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
- Created designs and videos, recruited influencers for social media promotions

**Conrad Pearson Clinic**, Memphis, TN

June 2019 – August 2019

*Information Technology Intern*

- Modified the JavaScript 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

**Triumph Bank, Inc.**, Memphis, TN

June 2018 – August 2018

*Summer Intern*

- Restructured the record database on bank servers for easier access to documents for senior management
  - Queried client databases to update tax information on firm-wide servers
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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 in Manhattan, teaching an average of 20 students per lecture throughout the school year