

Matthew Cook

Flat 17 Room 3, 38 South Clerk Street

Edinburgh EH8 9PS

404-838-7321 | mcookhome@gmail.com

Available January – August 2018 | [live:cook.matt_2](https://live.cook.matt_2) | github.com/mcookhome

Education

University of Edinburgh, Edinburgh, Scotland

September 2017 – present

Visiting Student at the College of Science and Engineering

Northeastern University, Boston, MA – **GPA: 3.91/4.0**

September 2015 – present

College of Computer Science and Information Science

Candidate for a Bachelor of Science in Computer Science and Physics

Expected 2020

Honors: National Merit Scholar, Dean's List, Honors Program, Lawrence Award

Stuyvesant High School, New York City, NY – **GPA: 95.3/100**

September 2011 – June 2015

Computer Knowledge

Languages: Java, Python, Racket, JavaScript, HTML, CSS, JSDoc, Json, YAML

Software and Databases: SQL, Tableau, Git, JIRA, Elastic Query Language, Linux Shell, Mongo

Work Experience

UpToDate, Waltham, MA

July – September 2017

DevOps Intern

- Designed a high-availability JIRA setup with a hot standby PostgreSQL database system
- Developed a script to automate checking the status of multiple servers by scraping JSON/HTML
- Automated Apache load-balancing using Python

TripAdvisor, Needham, MA

January – June 2017

Software Development Co-op on the Security Operations Team

- Designed a tool in conjunction with third-party representatives to manage scanning utilities
- Analyzed big data by creating security “watchers” with Elastic Query Language, YAML, and Json
- Presented work to my team at weekly meetings and to executives at quarterly meetings
- Improved security operations website using Python (Tornado) and HTML

codesters.com, New York City, NY

June – September 2015

Software Development Intern

- Converted the online graphics library from JavaScript to Python using Tkinter
- Collaborated with a team to develop the Python library
- Deployed the offline Python version as a Pip module for public use

Morgan Stanley, New York City, NY

July – August 2014

Data Visualization Intern

- Created data visualizations in an originally unfamiliar software called Tableau
- Analyzed big data by creating visualizations showing inefficiencies in computing time and storage

Activities and Interests

Ultimate Frisbee: Northeastern A team, All-state NY 2015, Massachusetts U19 all-star team captain, one of the top 100 players under age 20 in the United States

Interests: Spikeball, Pool, volunteering, disc golf, hiking