

# Dylan Emery

Brooklyn, NY 11215

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GitHub: demery12

Portfolio: dylan-emery.com

## Education

### Haverford College

Haverford, PA

*Bachelor of Science in Computer Science, May 2018*

*GPA: 3.77*

*Minor: Mathematics*

*Honors: Cum Laude, Computer Science Departmental*

- Highlighted Courses: Analysis of Algorithms, Computer Security, Concurrency and Co-design in Operating Systems, Artificial Intelligence, Data Science and Visualization, Linear Algebra

## Experience

### QA Java Developer/Automation Engineer

Bank of America/Collabera

*April 2019 – Present*

*New York, New York*

- Implemented and maintained automated tests and testing tools in Java and Groovy to validate millions orders each day to meet reporting and compliance standards
- Built single-page React web application to enable source system self-certification for CAT reporting
- Find and report data quality issues using SQL
- Act as a liaison between financial and regulatory teams
- Implemented visualization dashboard for monitoring and organizing our Jiras
- **Skills Developed:** programming in Java/Groovy, SQL, React, JavaScript, SDLC principles, TeamCity, Jira, Unix/Linux, Gradle, Git, managing/training new hires, communication

### Regulatory Operations/Associate Software Engineer

Goldman Sachs/Infosys Limited

*June 2018 – March 2019*

*Jersey City, New Jersey*

- Monitored and automated regulatory reporting functions at Goldman Sachs
- **Skills Developed:** Python scripting, Autosys, analyzing code, Agile methodologies

### Digital Scholarship Full Stack Developer

Haverford College

*Sept. 2015 – May 2018*

- As an extracurricular, developed and deployed technology based scholarly web projects, authoring substantial Python/Django, HTML/CSS and JavaScript, carrying projects from conception to deployment on NGINX servers
- **Skills Developed:** Full stack web development with Python, Django, MySQL, Javascript, HTML/CSS, Linux and Git

### Teaching Assistant

Computer Science Department, Haverford College

*Jan. 2017 - May 2017*

- Worked directly with students in an introductory class, graded labs and helped students develop skills in data analysis (with Pandas), data management and basic programming
- **Skills Developed:** Reading and providing feedback on code, teaching computer science

## Skills

**Languages:** Proficient with: Python, JavaScript; familiar with: C, Java; completed course with: C++, Scheme

**Technologies:** Git, Django, d3, SQL, HTML, CSS, AWS, Linux, Bash, Gradle, L<sup>A</sup>T<sub>E</sub>X

## Projects

### The Bridge (bridge.haverford.edu) - A classical language vocabulary learning tool

- Debugged substantial preexisting Python and JavaScript code, taking the project from utterly broken to functional
- Implemented new ways of filtering and ordering data
- Modified Django Admin to allow client to easily update MySQL database from their spreadsheets

### BODL-Service.com - A cocktail generating deep learning web app

- Scraped cocktail data from the web
- Utilized and tweaked a recurrent character neural network built in tensorflow/keras
- Now published on AWS