Dylan Emery

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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

Data and Analytics QA Automation Engineer   Bank of America/Collabera
April 2019 – Present

- Implemented and maintained automated tests and testing tools to validate millions orders each day to meet compliance standards in Java and Groovy
- 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

- 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, Linux, Bash, Gradle, LaTeX

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 full 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