Adrienne Bailey

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Entry-Level Software Developer

Junior developer with a strong problem-solving background. Experienced in programming principles across multiple platforms, object-oriented programming, developing testing and debugging code. Quick learner of new technologies. Successful working in both team and self-directed settings.

Technical Proficiencies:

Programming Languages: Java, Python, JavaScript (React, Redux), HTML, CSS, C, C#, MATLAB, PowerShell, PHP, SQL

Applications: Node.js (handlebars, express, mongoose, passport, socket.io), Unity, Android Studio, Microsoft Suite

Education

Bachelor of Arts in Mathematics and Computer Science   **Graduated 2019**
New York University, New York, NY; GPA: 3.5/4.0
- *Semester Study Abroad*: NYU Abu Dhabi, Spring 2017-Global Pathways Scholarship; Acton Scholarship
- *Honors*: College of Arts & Sciences Scholarship, Presidential Honors Scholars Program
- *Relevant Coursework*: Calculus III, Differential Equations, Linear Algebra, Analysis I, Mathematical Statistics, Operating Systems, Data Structures, Numerical Computing, Algorithms, Applied Internet Technology, Natural Language Processing

Professional Experience

Software Engineer | Wayfair, Boston, MA   **October 2019 – Present**
- Designs, develops and maintains highly scalable eCommerce systems
- Performs full-stack web development using PHP, SQL, JavasScript, and React to create reusable application components and applications that meet business needs
- Version control using Git

Resident Assistant | New York University Founders Hall, New York, NY   **August 2017 – May 2019**
- Fostered open and supportive community for **30 first-year floor residents** by advising their transition to college, connecting them to resources, mediating conflicts, and coordinating events using designated budget
- Collaborated with **26-person team** to ensure safety wellness and comfort for **700+ first-year building residents**
- Enforced resident hall policies and responded to emergency and crisis situations

IT Intern | Jamaica Police Cooperative Credit Union, Kingston, Jamaica   **June 2018 – August 2018**
- Managed online banking customer issues, resulting in a significant reduction in churn.
- Updated and tested **JavaScript-based Android mobile application** which had last been updated in 2012 to adhere **to ES6 standards**, resulting in a **significant reduction in application crashes**. Also made slight modifications to **UI and design**.
- Worked closely with management to customize OrangeHRM **Open Source HR Management System** to fit company needs.

Projects

Song Lyric Sentiment Analysis Project   **Spring 2019**
- Worked with **a 3-member team** to analyze the effects of sentiment on the popularity of songs. Key duties included **developing a sentiment analyzer** in **Python** to be used on a Billboard top 100 lyric dataset over 50 years, as well as **using natural language processing tools** to assess whether other lyrical factors contribute to song popularity.

Find My Recipe Web Application   **Fall 2018**
- Designed and developed a **JavaScript-based** website that suggests recipes to users from **MongoDB NoSQL database** of recipes based on what's in their fridge.