

# Priya Shah

Location Philadelphia, PA

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## EXPERIENCE

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### *Developer*

July 2016 – Present

**Vanguard** | Malvern, PA

Centralized financial reporting in a data lake on the cloud to perform analytics

- Worked with Amazon Web Services (AWS) such as EC2, Elastic Map Reduce (EMR) and S3 using infrastructure as code
- Sqooped tables from Oracle to AWS using bash scripts and modularized steps for reuse
- Created a troubleshooting guide for use among the organization

Transformed a manual Excel process into an easy to use web application to determine per share distributions

- Implemented features and fixed bugs in an agile environment
- Built out RESTful web services and batch processing using the Spring, Jersey and JDBC
- Designed and developed layout and logic in an AngularJS UI
- Drafted wireframes for the UI to present requirements and potential user experience solutions to business clients
- Modified stored procedures written in PL/SQL
- Correlated business requirements to code for integration tests using Behavior Driven Development (Cucumber)
- Presented on best practices and lesson learned to managers and developers
- Set up documentation to aid onboarding, code reviews, and code quality/consistency

### *Engineering Intern*

March 2016 – June 2016

**Leadnomics** | Philadelphia, PA

- Parsed through and formatted data for implementation in form systems by writing Python scripts
- Increased speed and usability of cross browser testing with Selenium Java

### *Student Associate, Software and Systems*

September 2014 – March 2015

**SRI International** | Princeton, NJ

- Analyzed legacy C code to comprehensively unit test with the CppUnit framework
- Implemented functions for low level in-house memory management tools
- Selected electrical components, mapped out circuit diagrams and wire lists and designed a 3D model in SketchUp for project progression

## SKILLS

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### Languages & Frameworks

- |              |           |             |            |
|--------------|-----------|-------------|------------|
| ▪ Java       | ▪ Spring  | ▪ AngularJS | ▪ Python   |
| ▪ HTML5      | ▪ CSS3    | ▪ Git       | ▪ Bash     |
| ▪ Bootstrap  | ▪ JUnit   | ▪ Mockito   | ▪ Cucumber |
| ▪ Protractor | ▪ Jasmine | ▪ SQL       | ▪ React    |

### Applications

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|------------------------|-------------------|---------------------|
| ▪ Microsoft Office     | ▪ WebStorm        | ▪ Sprint Tool Suite |
| ▪ Atlassian Tool Suite | ▪ Microsoft Visio | ▪ AWS               |
| ▪ SQL Developer        | ▪ Splunk          | ▪ Android Studio    |

## EDUCATION

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**Villanova University** | Villanova, PA

June 2017 – May 2019

Master's in Computer Science

- Teaching Assistant for Graduate Level Database Systems (2018)
- Grace Hopper Conference, Orlando, Florida (2017)

**Drexel University** | Philadelphia, PA

September 2011-June 2016

Bachelors of Science in Electrical Engineering & Bachelors of Science in Computer Engineering

- IKI: Japanese Culture at Tamagawa University, Tokyo, Japan (2015)
- Revolutionary Aerospace Systems Concepts Academic Linkage, Cocoa Beach, Florida (2013)