Priya Shah

http://p-shah.github.io
pdshah6@gmail.com | 610-573-9354

EXPERIENCE

CARDCONNECT | Software Engineer
August 2018 - Present | King of Prussia, PA

Worked on Copilot and Cardpointe portals used for merchant transaction onboarding
- Contributed to completing critical path features such as streamling the boarding process
- Implemented features, refactored, fixed bugs, and made hotfixes using Spring and AngularJS

VANGUARD | Developer
July 2016 – August 2018 | Malvern, PA

Centralized financial reporting in a data lake on the cloud to perform analytics
- Worked with Amazon Web Services (AWS) EC2, Elastic Map Reduce (EMR) and S3 using infrastructure as code
- Sqooped tables from Oracle to AWS and created a Hive database using bash scripts
- 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
- Built out RESTful web services and batch processing using the Spring and Jersey
- Designed and developed layout and logic in an AngularJS UI and modified PL/SQL stored procedures
- Drafted wireframes or the UI to present requirements and potential user experience solutions to business clients
- 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 n

LEADNOMICS | Engineering Intern
March 2016 – June 2016 | 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

SRI INTERNATIONAL | Student Associate, Software Systems
September 2014 – March 2015 | Princeton, NJ
- Analyzed legacy C code to comprehensively unit test with the CppUnit framework
- Selected electrical components, mapped out circuit diagrams and wire lists and designed a 3D model in SketchUp for project progression

RESEARCH

VILLANOVA UNIVERSITY | Graduate Reasearch Assistant
October 2018 – Present | Villanova, PA
- Working on Neuromorphic Computing Research using Intel's Loihi chip
- Created proof of concepts using Python (Numpy, SciPy) and MATLAB

EDUCATION

VILLANOVA UNIVERSITY | Master's in Computer Science
2017 - 2019 | Villanova, PA

Teaching Assistant, Graduate Database Systems | January 2018 - December 2018

Grace Hopper Attendee | October 2017 | Orlando, FL

DREXEL UNIVERSITY | Bachelor's in Electrical Engineering And Computer Engineering
2011 - 2016 | Philadelphia, PA

Fall Break in Japan at Tamagawa University | September 2015 | Tokyo

Revolutionary Aerospace Systems Concepts Academic Linkage | June 2013 | Cocoa Beach, FL

SKILLS

LANGUAGES & FRAMEWORKS
Java • AngularJS • Matlab • HTML5 • CSS3 • Git • Bash • SQL

APPLICATIONS
Amazon Web Services • Microsoft Office • Atlassian Tool Suite