SWETA KUMARI

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EDUCATION

Stony Brook University — Stony Brook, NY, US
Masters Computer Science — Grad: December 2018
Artificial Intelligence, Computing with Logic, Analysis of Algorithms, Computational Biology, Probability and Statistics for Data Science, Data Mining, Big Data Systems

Sharda University — Greater Noida, India
Bachelors in Technology Computer Science *GPA: 8.67/10.0* — Grad: May 2015

EXPERIENCE

Barclays — Pune, India
Software Engineer — July 2015 — August 2017

- As part of Barclays Notification Engine, integrated new adapters using Java to lower the cost of customer and colleague notifications sent across the bank.
- Developed a new Two Way SMS service in Java, using which customers chat with customer care via SMS.
- Developed a tool in Spring framework in team of 2 for in house usage which block alerts and retry failed alerts in production environment in few clicks.
- Developed a tool which automates build and test the db package in pre-production automatically before production deployment
- Improved test coverage by writing Junit test cases

Rannlab Technologies — Greater Noida, India
Summer Intern — June 2014 — July 2014

- Bulk Email Marketing Product- Using C#, .NET Framework and SQL; responsible for the UI improvements and back end of the product, mostly on the send feature.

Microsoft — India
Microsoft Student Partner — April 2014 — May 2015

- Conducted seminars and development sessions on C#, Windows App Development as a speaker.

SKILLS

Programming Languages:	Python, Java, Prolog,
Core Competencies:	Algorithms, Data Structures
Framework/Platform/Version Control:	Spring, Git, SVN
IDEs:	PyCharm, IntelliJ, Eclipse

PROJECTS

Integrating Salmon based modules to MultiQC *Python, HTML* — http://multiqc.info/
MultiQC is an open source tool for analyzing multiple sequencing samples together. Adding modules in MultiQC which can parse the output of Salmon(a quantification and mapping tool), analyzes it, filter the features and generate a report.

Pacman *Python* — 2017
Adding general and adversarial search strategies to guide the Pacman in the game. Also, implemented Bayesian network probability in the game.

Online Quiz *Spring, HTML, MySQL* — 2013
An online portal for quiz, where multiple students can take quiz simultaneously.

Windows Mobile Application - Paint and Play *C#* — 2012
An interactive app on which the user can draw/paint. Target Users - Kids

AWARDS AND ACHIEVEMENTS

Global Recognition Award - Barclays — Pune, India
For outstanding commitment in the sub domain Fraud Alerts of Barclays Notification Engine — July 2016

4th rank in district in All India Senior Secondary Examination — India

1st prize in Poetry on World Cultural Day at Barclays — Pune, India
May 2016