

RAVI KOTHARI

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▶ Education

University of
Maryland- College
Park
Bachelor of Science in
Computer Science
2019

▶ Skills

PROGRAMMING LANGUAGES

Java
C
Python
Swift
SQL
y86 Assembly
HTML/CSS
JavaScript
Matlab

OPERATING SYSTEMS

UNIX/LINUX
OS X
Microsoft Windows

SOFTWARE

Salesforce
Toad for Oracle
XCode
Emacs
Eclipse

▶ Employment

Pfizer Inc.

Technical Analyst

New York, New York

May 2017 to Aug 2017

- *Produce technical documentation from a Global Pricing Solutions application using Salesforce and Microsoft Excel
- *Perform data analysis using SQL and Toad for Oracle to generate in-depth technical reports
- *Participate and organize meetings with various teams
- *Engage in weekly reviews with Operations team and help track key decisions and actions
- *Evaluate and provide pros/cons of various technologies and tools based on business needs and based on target audience

▶ Technical Projects

Dice Roll- iOS Application

May 2017 to Jun 2017

- *Used Swift language to program a randomized dice roller application from scratch
- *Designed game UI using XCode software

War- iOS Application

Jun 2017 to Jun 2017

- *Used Swift language to program the War card game from scratch
- *Designed game UI using XCode software

Personal Website

Dec 2016 to Current

- *Developed personal website using HTML and CSS

Other Projects

Jan 2016 to Current

- *Graphs and Mazes- Java
 - Implemented a maze application using graph/map data structures
 - Solved the maze using three different graph traversals
- *Shell Program- C
 - Created a shell program from scratch on LINUX OS
 - Shell program supported piping, I/O redirection, '&&' operator, etc.
- *Bag and Testing program- C
 - Implemented a data structure called 'Bag' using a Linked-List on LINUX OS
 - The program allowed users to add to bag, remove one and all occurrences, etc.
 - Tested program using black-box testing methods using UNIX commands

FIRST Robotics

Sep 2011 to Jun 2015

- *Utilized Java programming language to program autonomous robot/user operator movements

▶ Volunteering

Princeton First Aid & Rescue Squad · Emergency Medical Technician Princeton, NJ

May 2015 to Current

- *Provide patient care in an emergency setting as senior member of the crew in charge of scene
- *Ability to work independently or within a team setting
- *Train and mentor new members on EMT-B skills necessary for life-saving interventions

Branchville Volunteer Fire Company · Emergency Medical Technician College Park, MD

Oct 2015 to Current

- *Provide patient care in an emergency setting as senior member of the crew in charge of scene
- *Ability to work independently or within a team setting
- *Train and mentor new members on EMT-B skills necessary for life-saving interventions

▶ Awards

Maryland State EMT-B Certification

Aug 2016

American Heart Association CPR/AED Certification

May 2016

New Jersey State EMT-B Certification

Aug 2014

John G. Glowacki

Aug 2014

Valedictorian of EMT class