

# RAVI S. KOTHARI

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📍 Plainsboro, NJ

## Education

University of Maryland- College Park

*Bachelors of Science*

*Computer Science*

*Expected Graduation Date: May 2019*

## Skills

### Programming/Scripting Languages:

Java

C

Python

HTML

CSS

JavaScript

Matlab

### Assembly Languages:

y86

### Operating Systems:

UNIX/LINUX

OS X

Microsoft Windows

### Software:

Eclipse

Emacs

Sublime Text

PyCharm

Microsoft Office

## Employment

### Pfizer Inc.

*May 2017 – Aug. 2017*

- Technical Analyst
  - Organize and update technical documentation for various areas within Global Pricing Solution
  - Analysis of support ticket patterns that will be used to drive process improvement initiatives
  - Produce reports to capture Operational metrics
  - Participate in weekly reviews with Operations team and help track key decisions and actions

## Technical Experience

### Personal Website

*Dec. 2016 - Current*

- Developed personal website using HTML and CSS programming languages

### Projects

*Jan. 2016 - Current*

- *Projects implemented using Java programming:* Maze Implementation Using Graphs, GUI Development to Build Interest Calculator, Creation of Polymorphic Binary Search Trees, Creation of Hash Table, Implementation of Sorting Algorithms, etc.
- *Projects implemented using C programming:* Document Manager Using Structs and File Input/Output, Calendar Application Using Memory Allocation Linked Lists, Shell from Scratch, Black Box Testing Program Implementation, etc.
- *Projects implemented using y-86 Assembly:* Converting C files to Assembly Language
- *Projects implemented using Python programming:* Alien Invasion Game Using Python Features

### FIRST Robotics

*Sept. 2011 – June 2015*

- Programmer
  - Utilized Java programming language to program autonomous robot movements and user operator movements
- Financial Director
  - Raised funds to aid team financially

## Volunteer Experience

### Princeton First Aid & Rescue Squad, NJ

*May 2015 – Current*

### Branchville Volunteer Fire Company, MD

*Oct. 2015 – Current*

- Certified Emergency Medical Technician
  - 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 & Achievements

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 valedictorian of EMT class Award

*Aug. 2014*