

# Ravi S. Kothari

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Plainsboro, NJ

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Personal Website: <https://raviskothari.github.io/>

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## Education

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University of Maryland- College Park, College Park, MD

Bachelors of Science, Computer Science, May 2019

## Skills

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Programming/Scripting Languages: Java, C, Python, HTML, CSS, JavaScript, Matlab

Operating Systems: UNIX/LINUX, OS X, Microsoft Windows

Software: Microsoft Office, Eclipse, Sublime Text, PyCharm, Emacs

## Technical Experience

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### Personal Website

December 2016 - Current

- Developed personal website using HTML and CSS programming languages

### Projects

- Projects implemented using Java programming: Maze Implementation Using Graphs, GUI Development to Build Interest Calculator, Interactive Blackjack and Poker Card Games, Creation of Polymorphic Binary Search Trees, Creation of Hash Table, Implementation of Sorting Algorithms, etc.
- Projects implemented using C programming: Grade Calculator, Document Manager Using Structs and File Input/Output, etc.
- Projects implemented using Python programming: Alien Invasion Game Using Data Structures and Python Features

### FIRST Robotics

September 2011 – June 2015

- Programmer
  - Utilized Java programming language to program autonomous robot movements and user operator movements
  - Programmed camera mounted on robot to aid robot in visualization
- Financial Director
  - Raised funds to aid team financially
  - Managed income and expense and of team finances on Microsoft Excel

## Volunteer Experience

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### Princeton First Aid & Rescue Squad

May 2015 - Current

### Branchville Volunteer Fire Company & Rescue Squad

October 2015 – 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

## Work Experience

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### Jersey Shore University Medical Center

May 2016 – August 2016

- Shadowed an Emergency Medical Doctor

### YWCA- Princeton

June 2013 – August 2015

- Certified Lifeguard and Water Safety Instructor

## Awards and Achievements

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Maryland State Emergency Medical Technician Certification

August 2016

American Heart Association CPR/AED Certification

May 2016

New Jersey State Emergency Medical Technician Certification

August 2014

John G. Glowacki valedictorian of EMT class Award

August 2014