Ravi S. Kothari

Plainsboro, NJ   **609-412-4923**
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Personal Website: https://raviskothari.github.io/

Education

University of Maryland- College Park, College Park, MD
Bachelors of Science, Computer Science, 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: Microsoft Office, Eclipse, Sublime Text, PyCharm, Emacs

Technical Experience

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, 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, Calendar Application Using Memory Allocation Linked Lists, etc.
- *Projects implemented using y-86 Assembly:* Converting C files to assembly language
- *Projects implemented using Python programming:* Alien Invasion Game Using Data Structures and Python Features

FIRST Robotics   *September 2011 – June 2015*
- Programmer
  - o Utilized Java programming language to program autonomous robot movements and user operator movements
- Financial Director
  - o Raised funds to aid team financially
  - o Managed income and expense and of team finances on Microsoft Excel

Volunteer Experience

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

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

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*