Eric Roberts

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EDUCATION

Rutgers University - School of Engineering, New Brunswick, NJ   Class of 2020
- Double major in Computer Science and Computer Engineering
- Cumulative GPA: 3.5/4.0

Morristown High School, Morristown, NJ   Sep 2012 – Jun 2016
- Cumulative GPA: 3.9/4.0 (weighted)
- Received award from Rochkind-Wagner Foundation for high academic achievement
  - Awarded for scoring 5 on Calculus AB, Computer Science A, Physics C and Statistics Advanced Placement exams and receiving A's in corresponding classes.

LEADERSHIP EXPERIENCE

Boy Scouts of America, Troop 34   2005 – Present
- Rank of Eagle Scout
- Responsible for leading and teaching younger scouts on outdoor trips
- Organized scout meetings and monthly outdoor trips
- Organized people and resources to build wooden foot bridge for Eagle Project
  - The bridge is a 24' long A-frame design spanning a stream.
  - Completion required 130 man-hours of volunteer work across 2 days.
  - Built according to specification given by park, with improvements made to handle augmented length.
  - The bridge remains at Morris County's Central Park, receiving regular traffic from disc golfers and park goers.
- Performed regular community service for local church, parks and schools

Morris County Park Commission, Morris Township, NJ   Jun 2013 – Sep 2015
- Worked at Sunrise Lake county park as Boat Attendant
- Responsible for safe operation of recreation equipment
- Instructed patrons of safety rules, and boat operation
- 100% safety record
- Managed and trained new attendants

TECHNICAL SKILLS

Programming
- Languages: Javascript, Haskell, C, Python, Java, HTML/CSS
- Familiar with Git, GNU/Linux, Vim
- In 2015 reported multiple security vulnerabilities to GoGuardian Chromebook management software
  - Reported security vulnerability allowing an arbitrary actor to access student information in multiple ways.
  - For responsible disclosure, awarded cash and given GoGuardian-themed products.

Side Projects
- AndromedOS - Hobby operating system capable of producing a terminal and using PS/2 input and VGA video memory for i686, written in C/Assembly
- Chatskell - Chat application written in Haskell using warp via WAI interface
- Torny - Fencing tournament management application using Docker and Django, Created at HackRU

INTERESTS

Rutgers Undergraduate Alliance of Computer Scientists, IEEE Student Branch, Hiking/Backpacking, Camping, Dungeons&Dragons, Golf