Khayyam Saleem

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OBJECTIVE:	To explore and develop skills in the fields of Computer Science and applied mathematics while gathering experience to complement my studies.

EDUCATION:

Stevens Institute of Technology, Hoboken NJ ; [2015 - Present]
B.S./B.S. in Computer Science and Mathematics (Double Degree)
Expected Time of Graduation: May 2019
GPA: 4.00/4.00
Middlesex County Academy for Science, Math, and Engineering Technologies,
Edison, NJ ; [2011 - 2015]
Concentration in Civil and Mechanical Engineering / Project Development
Weighted GPA: 4.66/5.00 ; **Unweighted GPA:** 3.50/4.00

COURSE WORK:

Data Structures, Algorithms, Programming, Project Development, Networking, Calculus, Differential Equations, Computational Science, Discrete Mathematics, Statistics, Information Systems, Linear Algebra, Automata

SKILLS:

Software: Autodesk Inventor, Linux, Wolfram Mathematica, MS Office, Blender, GIMP, Adobe InDesign CS6, Adobe Flash CS6, Adobe Illustrator CS6, vim
Programming: Python, Scheme, MATLAB, HTML/CSS/JS, Java, bash
Hardware: Raspberry Pi, Arduino, Digital Logic Modules, Objet 3D Printer

ACADEMIC PROJECTS:

Middlesex County Academy for Science, Math, and Engineering Technologies:
- Classroom storage unit; designed using 3D modeling software and applied mathematical principles of mechanical engineering [2012-2013]
- Autism Supplementary Diagnostic Toy; designed and developed a toy that when used by a child on the autism spectrum would help a psychologist gather data through a Raspberry Pi and tell where the child lies on the spectrum [2014-2015]

Hackathons:
- GuardianAngel; Developed Android app at 24-hour hackathon that employed the Twilio API, PHP, and NFC technology to assist doctors in an emergency room environment [2014 at HackBCA]

LEADERSHIP EXPERIENCE:

President of Woodbridge Youth Leadership Council; township-wide community service and youth education group [2013-2015]
President of Do Something Club, community service initiative club [2014-2015]
Participated in cybersecurity competitions (CTFs) at Stevens with a team

WORK EXPERIENCE:

CrowdH: Writer/Copy Editor for online news company [April 2013 - Present]
Stevens Institute of Technology: Student Tutor for Calculus II, Physics, and Computer Science [February 2016 - Present]
Woodbridge Buddy Ball: Junior Coach, Volunteer to play team sports with developmentally challenged children [September 2011 - Present]

ACTIVITIES:

Soccer, volunteering, playing guitar/keyboard, Stevens Mathematics Club

Website: http://khayyamsaleem.com   **Writing**: http://www.crowdh.com/author/khayyam/