

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:	<p><i>Stevens Institute of Technology</i>, 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 <i>Middlesex County Academy for Science, Math, and Engineering Technologies</i>, Edison, NJ ; [2011 - 2015] Concentration in Civil and Mechanical Engineering / Project Development Weighted GPA: 4.66/5.00 ; Unweighted GPA: 3.50/4.00</p>
COURSE WORK:	Data Structures, Algorithms, Programming, Project Development, Networking, Calculus, Differential Equations, Computational Science, Discrete Mathematics, Statistics, Information Systems, Linear Algebra, Automata
SKILLS:	<p>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</p>
ACADEMIC PROJECTS:	<p>Middlesex County Academy for Science, Math, and Engineering Technologies:</p> <ul style="list-style-type: none">- 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] <p>Hackathons:</p> <ul style="list-style-type: none">- 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:	<p>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</p>
WORK EXPERIENCE:	<p>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]</p>
ACTIVITIES:	Soccer, volunteering, playing guitar/keyboard, Stevens Mathematics Club

Website: <http://khayyamsaleem.com>

Writing: <http://www.crowdh.com/author/khayyam/>

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