

# Khayyam Saleem

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## Education

- Aug 2015 – Present **BS Computer Science, MS Applied Mathematics**, *Stevens Institute of Technology*, Hoboken, NJ.  
Honors: Dean's List, Presidential Scholarship  
Minors: Mathematics, Literature  
Member of Upsilon Pi Epsilon [Computer Science Honor Society]  
Expected Graduation: May 2019
- Sep 2011 – Jun 2015 **Civil and Mechanical Engineering**, *Middlesex County Academy for Science, Math, and Engineering Technologies*, Edison, NJ.

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## Experience

- May 2017 – Aug 2017 **Research Assistant**, *New Mexico State University*, Las Cruces, NM.  
◦ NSF REU site  
◦ Deep Learning for Control Chart Pattern Recognition [Python, TensorFlow]
- Aug 2016 – Present **Codecademy Pro Advisor**, *Codecademy*, New York, NY.  
Advising over 24 million students around the world in programming languages such as HTML/CSS, Javascript, Git, jQuery, Ruby, and Python  
◦ Find and formally report bugs on the Codecademy platform via GitHub
- Aug 2016 – Present **Teaching Assistant**, *Stevens Institute of Technology*, Hoboken, NJ.  
◦ CS115 – Intro to CS, conducted weekly lab, wrote grading scripts for homework  
◦ CS284 – Data Structures, conduct weekly recitation, design and test homework
- Jan 2016 – Present **Student Tutor**, *Stevens Institute of Technology*, Hoboken, NJ.  
◦ Tutor freshman and sophomore CS, mathematics, and science courses.
- May 2016 – Jul 2016 **Web Development Intern**, *iconectiv*, Piscataway, NJ.  
◦ Reconstructed GUI for number portability product from the ground up to allow for support of all features on modern web browsers [Bootstrap, Angular2]

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## Skills

Languages Python, C, C++, Java, Javascript, bash, SQL, Hindi, Urdu  
Technologies GNU+Linux, vim, git, L<sup>A</sup>T<sub>E</sub>X, make, Blender, Autodesk Inventor, TensorFlow

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## Projects

- CCPR Python library for control chart pattern recognition [ML, deep learning, TensorFlow]  
twithub 2nd Place at Stevens CS Club CodeJam, integrates Twitter and Github  
motivation cross-browser new-tab page, live age calculator  
DTAC Diagnostic Toy For Autism in Children [CAD, Raspberry Pi, Python]

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## Other

Volunteerism Habitat for Humanity, Woodbridge Buddy Ball, ASHA Hockey Camp

Interests 3D Printing, Graphic Design (Snapchat filters), Soccer, Writing