

# 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  
President of Upsilon Pi Epsilon [Computer Science Honor Society]  
Expected Graduation: May 2019

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## Experience

June 2018 – Aug 2018 **Software Developer Intern, J.P. Morgan and Chase**, Jersey City, NJ.  
◦ Enterprise Technology Unit [Java, Python]

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.  
◦ Find and formally report bugs on the Codecademy platform via GitHub  
◦ Led “Intensive” courses for data science and data visualization with Python  
◦ Advising over 24M students in Javascript[Angular, React], Ruby, Java, and Python

Aug 2016 – Present **Teaching Assistant, Stevens Institute of Technology**, Hoboken, NJ.  
◦ CS115 – Intro to CS, conducted weekly lab, wrote grading scripts for homework [Python]  
◦ CS284 – Data Structures, taught weekly recitation, design and test homework [Java]  
◦ CS496 – Programming Languages, ported all course content from Racket to oCaml [oCaml]

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, oCaml, erlang, C, C++, Java, Javascript, SQL, Hindi, Urdu  
Technologies GNU+Linux, git, L<sup>A</sup>T<sub>E</sub>X, node, Flask, Pandas, matplotlib, TensorFlow

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## Projects

**LiEB** Social media and messaging platform, developed as class final project [nodejs, express]  
**medaccess** Freelance project, developed database and API for accessing insurance information for prescription medicine [Python, SQL, Flask]  
**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	<u>Habitat for Humanity</u> , <u>Woodbridge Buddy Ball</u> , <u>ASHA Hockey Camp</u>
Interests	3D Printing, Graphic Design (Snapchat filters), Soccer, Writing