

AUSTIN C. ROCHA

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EDUCATION:	Stevens Institute of Technology , Hoboken, New Jersey Bachelor of Engineering in Software Engineering , May 2019 GPA: 3.516 Honors: Edwin A. Stevens & Caleb Hurtt Scholarship, Dean's List (Fall 2015 - 2017), Venture Hacks Crowd Favorite Award, NAHS Mathematics Excellence Award Courses: Object-Oriented Software Engineering, Data Structures, Discrete Mathematics, Differential Equations, Calculus I & II, Circuits and Systems
PROGRAMMING SKILLS:	Operating Systems: macOS 10.13, Synology DSM 6.1, Windows 10 & Server 2012 R2 Software: LabVIEW, MATLAB, Simulink, Eclipse, Atom, GitHub, Docker, MySQLWorkbench, Mathematica 11, Adobe Photoshop CC Languages: Python3, Java, C++, SQL, Ruby, HTML5, CSS3, Javascript Frameworks: Flask, Rails, Materialize, Bootstrap
WORK EXPERIENCE:	<div><div>Stevens Institute of Technology, Hoboken, NJ</div><div>9/17–12/17</div><div>Teacher's Assistant:<ul style="list-style-type: none">○ Taught freshmen engineers programming fundamentals using C++○ Graded student weekly assignments and exams</div></div> <div><div>Wolfram Research, Hoboken, NJ</div><div>4/16–12/16</div><div>Student Ambassador:<ul style="list-style-type: none">○ Familiarized with Wolfram's products and technologies, such as, Wolfram Alpha, Mathematica, and the Wolfram Language○ Informed students about the benefits of utilizing the Wolfram Language by hosting on-campus meet ups and stands to increase the use of the Wolfram Stack</div></div>
INDIVIDUAL EXPERIENCE:	<div><div>Personal Website <i>austinrocha.com</i></div><div>6/15–Present</div><div>Web Developer:<ul style="list-style-type: none">○ Employ GitHub for code management and site deployment through GitHub Pages○ Google Domains for DNS configuration including custom resource records○ Simplistic layout utilizing Font Awesome and Materialize for social media buttons</div></div> <div><div>Gaming Community Website <i>au1st3in.net</i></div><div>9/14–Present</div><div>Web Developer/Maintainer:<ul style="list-style-type: none">○ Migrated old backend codebase from PHP to Python with the use of Flask○ Utilizing Materialize design framework for site layout, including CSS and JS○ OpenID integration for Steam authentication, and SQLAlchemy for the database schema○ Fabric3 for pythonic remote system administration through SSH○ Docker container to simplify configuration for multi-platform testing</div></div>
ACTIVITIES:	Stevens: Software Engineering Student Advisory Board, Society of Hispanic Professional Engineers, Technical Enrichment Program, Computer Science Club, Philosophy Club

U.S. Citizen