

# AUSTIN C. ROCHA

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<b>EDUCATION:</b>	<b>Stevens Institute of Technology</b> , Hoboken, New Jersey <b>Bachelor of Engineering in Software Engineering</b> , Minor in Computer Science, May 2019 <b>Honors:</b> Edwin A. Stevens & Caleb Hurtt Scholarship, Dean's List (Fall 2015 - Spring 2018), Venture Hacks Crowd Favorite Award, XAE National Honor Society Inductee <b>Courses:</b> Object-Oriented Software Engineering, Algorithms, Data Structures, Agile Methods, Requirements Analysis, Modeling and Simulation, Discrete Mathematics, Differential Equations	<b>GPA:</b> 3.541
<b>PROGRAMMING SKILLS:</b>	<b>Operating Systems:</b> macOS 10.13, Synology DSM 6.2, Windows 10 & Server 2012 R2 <b>Software:</b> Docker, LabVIEW, MATLAB, Simulink, Adobe Photoshop CC <b>Languages:</b> Python3, Java, C++, Ruby, PHP, HTML5, CSS3, Javascript, PowerShell <b>Frameworks:</b> Flask, Rails, Materialize, Bootstrap <b>Databases:</b> MySQL, SQLite, MongoDB	
<b>WORK EXPERIENCE:</b>	<b>K2 Intelligence</b> , New York, NY Information Technology Intern: <ul style="list-style-type: none"><li>Updated existing PowerShell scheduled task scripts for various automated reports</li><li>Wrote PowerShell Scripts to automate parts of employee Onboarding and Offboarding</li><li>Modified a Python codebase to allow for successful parsing of SWIFT financial messages</li></ul> <b>Stevens Institute of Technology</b> , Hoboken, NJ Programming Teaching Assistant: <ul style="list-style-type: none"><li>Taught freshmen engineers programming fundamentals using C++</li><li>Graded student weekly assignments and exams</li></ul>	5/18–8/18  9/17–12/17
<b>ACADEMIC PROJECTS:</b>	<b>Stevens Institute of Technology</b> <b>Flask Forms</b>   <i>spring2018-ssw322-forms</i> Full-Stack Web Developer: <ul style="list-style-type: none"><li>Integrated MongoDB into backend as our NoSQL database</li><li>Implemented Flask OAuth 2.0 to allow for Google Authentication</li><li>Designed site layout with Materialize utilizing information gathered from usability tests</li><li>Wrote JQuery scripts for each question types form validation</li></ul>	3/18–5/18
<b>INDIVIDUAL EXPERIENCE:</b>	<b>Personal Website</b>   <i>austinrocha.com</i> Front-end Web Developer: <ul style="list-style-type: none"><li>Employ GitHub for code management and site deployment through GitHub Pages</li><li>Google Domains for DNS configuration including custom resource records</li><li>Simplistic layout utilizing Font Awesome and Materialize for social media buttons</li></ul> <b>Gaming Community Website</b>   <i>au1st3in.net</i> Full-Stack Web Developer: <ul style="list-style-type: none"><li>Migrated old backend codebase from PHP to Python with the use of Flask</li><li>Utilizing Materialize design framework for site layout, including CSS and JS</li><li>OpenID integration for Steam authentication, and SQLAlchemy for the database schema</li><li>Fabric3 for pythonic remote system administration through SSH</li><li>Docker container to simplify configuration for multi-platform testing</li></ul>	6/15–Present  9/14–8/17
<b>ACTIVITIES:</b>	Stevens: XAE Delta Kappa Chapter (Eboard Secretary/Treasurer), Software Engineering Student Advisory Board, Technical Enrichment Program, Society of Hispanic Professional Engineers, Software Engineering Club, Computer Science Club, Philosophy Club	

U.S. Citizen