

AUSTIN C. ROCHA

github.com/au1st3in • austinrocha.com • arocha@stevens.edu

EDUCATION:	Stevens Institute of Technology , Hoboken, New Jersey Bachelor of Engineering in Software Engineering , Minor in Computer Science, May 2019 Honors: Edwin A. Stevens & Caleb Hurtt Scholarship, Dean's List (Fall 2015 - Fall 2018), Venture Hacks Crowd Favorite Award, XAE National Honor Society Inductee Courses: Object-Oriented Software Engineering, Algorithms, Data Structures, Agile Methods, Requirements Analysis, Modeling and Simulation, Discrete Mathematics, Differential Equations	GPA: 3.572
PROGRAMMING SKILLS:	Operating Systems: macOS 10.14, Synology DSM 6.2, Windows 10 & Server 2012 R2 Software: Docker, LabVIEW, MATLAB, Simulink, Adobe Photoshop CC Languages: Python3, Java, C++, Ruby, PHP, HTML5, CSS3, Javascript, PowerShell Frameworks: Flask, Rails, Materialize, Bootstrap Databases: MongoDB, MySQL, SQLite	
WORK EXPERIENCE:	K2 Intelligence , New York, NY Information Technology Intern: <ul style="list-style-type: none">Updated existing PowerShell scheduled task scripts for various automated reportsWrote PowerShell scripts to automate parts of employee onboarding and offboardingModified a Python codebase to allow for successful parsing of SWIFT financial messages Stevens Institute of Technology , Hoboken, NJ Programming Teaching Assistant: <ul style="list-style-type: none">Taught freshmen engineers programming fundamentals using C++Graded student exams and weekly coding assignments	5/18–8/18 9/17–12/17
ACADEMIC PROJECTS:	Stevens Institute of Technology Flask Forms <i>spring2018-ssw322-forms</i> Full-Stack Web Developer: <ul style="list-style-type: none">Integrated MongoDB into backend as our NoSQL databaseImplemented Flask OAuth 2.0 to allow for Google AuthenticationDesigned site layout with Materialize utilizing information gathered from usability testsWrote JQuery scripts for each question types form validation	3/18–5/18
INDIVIDUAL EXPERIENCE:	Personal Website <i>austinrocha.com</i> Front-end Web Developer: <ul style="list-style-type: none">Employ GitHub for code management and site deployment through GitHub PagesGoogle Domains for DNS configuration including custom resource recordsSimplistic layout utilizing Font Awesome and Materialize for social media buttons Gaming Community Website <i>au1st3in.net</i> Full-Stack Web Developer: <ul style="list-style-type: none">Migrated old backend codebase from PHP to Python with the use of FlaskUtilizing Materialize design framework for site layout, including CSS and JSOpenID integration for Steam authentication, and SQLAlchemy for the database ORMFabric3 for pythonic remote system administration through SSHDocker container to simplify configuration for multi-platform testing	6/15–Present 9/14–8/17
ACTIVITIES:	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