

AUSTIN C. ROCHA

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OBJECTIVE:	To obtain a summer internship in the field of Software Engineering.		
EDUCATION:	Stevens Institute of Technology , Hoboken, New Jersey Expected May 2019 Bachelor of Engineering in Software Engineering, Minor in Computer Science GPA: 3.411 Honors: Edwin A. Stevens Scholarship, Venture Hacks Crowd Favorite, Dean's List (Fall 2015–2016) Courses: Programming, Calculus I & II, Differential Equations, Mechanics, Electricity & Magnetism, Circuits and Systems, Engineering Design I-III		
PROGRAMMING SKILLS	Operating Systems: macOS, Windows, Windows Server 2012 r2, Synology DSM Software: Xcode, Eclipse, PyCharm, Atom, GitHub, Navicat, MySQLWorkbench, Apache Web Server, Mathematica 11, Adobe Photoshop, Microsoft Office, Solidworks Languages: Python, Ruby, C++, HTML, CSS, Javascript, LabView, Matlab Frameworks: Flask, Ruby on Rails, Materialize, Bootstrap		
ACADEMIC PROJECTS:	Stevens Institute of Technology , Hoboken, NJ Peerless Tic-Tac-Toe Bot Project 11/15–12/15 <ul style="list-style-type: none">Utilized Github to host source code for easier group collaboration amongst team membersSegmented project into subdivisions and assigned roles and tasks to each group memberDeveloped logic for the bots win strategy by predefining known tic-tac-toe strategiesIdentified and remedied bugs in which the player could easily win by testing edge cases Arduino-based Robot Project 10/15–12/15 <ul style="list-style-type: none">Implemented functions for sensor reading and motor movement to increase code readabilityProgrammed the robot's movement logic with the use of light sensors and calibrated by taking lux readingsOptimized the code for easy sensor pin reassignment by making it independent of a given pinGenerated detailed function documentation for reusability and malleability		
WORK EXPERIENCE:	Wolfram Research , Hoboken, NJ 4/16–6/16 Student Ambassador: <ul style="list-style-type: none">Familiarized with Wolfram's products and technologies, such as, Wolfram Alpha, Mathematica, and the Wolfram LanguageInform 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		
PROJECT EXPERIENCE:	Personal Website (austinrocha.com) 6/15–Present Web Developer: <ul style="list-style-type: none">Optimize web page load times using the Bootstrap framework to ensure efficiencyEmploy GitHub for code management and GitHub Pages for hosting the site Gaming Community Website (au1st3in.net) 9/14–Present Web Developer/Administrator: <ul style="list-style-type: none">Utilizing Materialize Design Framework for site formatting, including CSS and JSOpenID Integration for Steam Login, and GameQ Integration for server queryWork in progress – Admin page for remote server management and maintenance		
ACTIVITIES:	Stevens: Technical Enrichment Program, Society of Hispanic Professional Engineers, Computer Science Club, Philosophy Club, Recreational Archery Club		

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