

# AUSTIN C. ROCHA

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**OBJECTIVE:** To obtain an internship in the field of Software Engineering.

**EDUCATION:** **Stevens Institute of Technology**, Hoboken, New Jersey  
Bachelor of Engineering in Software Engineering, Expected May 2019  
**GPA:** 3.2      **Honors:** Edwin A. Stevens Scholarship, Dean's List  
**Courses:** Intro to Programming, Engineering Design I

**North Arlington High School (NAHS)**, North Arlington, High School Diploma, June 2015  
**Honors:** NAHS Mathematics Excellence Award, NAHS Academic Hall of Fame Inductee

**PROGRAMMING SKILLS**      **Operating Systems:** Mac OS, Windows, Windows Server 2012 r2, Ubuntu  
**Software:** Xcode 7, Netbeans, Visual Studio 2015, GitHub, Atom, Sublime, Notepad++, Brackets, MySQLWorkbench, Navicat, phpMyAdmin, XAMPP, MySQL Database, Apache Web Server, Matlab R2015a, VNC, VirtualBox, Adobe Photoshop CC 2014

**Languages:** C++, Java, Javascript, HTML, CSS, Matlab

**ACADEMIC PROJECTS:** **Stevens Institute of Technology**, Hoboken, NJ  
**Intro to Programming Group Project: Peerless Tic-Tac-Toe Bot**      11/15 – 12/15  
([github.com/Au1st3in/fall2015-e115-final-project](https://github.com/Au1st3in/fall2015-e115-final-project))  
• Utilized Github for easier collaboration  
• Assigned roles and tasks to each group member  
• Developed logic for the bots win strategy  
• Identified bugs in which the player could easily win  
**Design I Team Project: Arduino-based Robot**      10/15 – 12/15  
([github.com/Au1st3in/fall2015-e121-arduino-code](https://github.com/Au1st3in/fall2015-e121-arduino-code))  
• Utilized the Arduino IDE to push code to the onboard Arduino Uno  
• Programmed the robots movement logic with the use of light sensors  
• Implemented functions for sensor reading and motor movement  
• Optimized the code for easy sensor pin reassignment  
• Generated detailed function documentation for reusability

**PROJECT EXPERIENCE:** **Personal Website (austinrocha.com)**      6/15 - Present  
Web Developer:  
▪ Optimized web page load times using the Bootstrap framework  
▪ Utilizing GitHub Pages for code management  
**TeamSpeak 3 VoIP Server and Website (au1st3in.net)**      9/14 - Present  
Web Developer/Administrator:  
▪ Moderate users and organize an infrastructure of responsible admins  
▪ Manufacture leadership roles with user defined responsibilities  
▪ Manage a steady user base and resolve user conflicts

**ACTIVITIES:** Stevens: Technical Enrichment Program, Computer Science Club, Cyber Defense Team, Recreational Archery Club

U.S. Citizen