

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)

- 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)

- 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