
JOSHUA BOYD

Full Stack Software Engineer



boyd.jc.github@gmail.com



<https://www.linkedin.com/in/boydjc/>



<https://www.github.com/boydjc>

PROGRAMMING LANGUAGES

HTML	CSS
JavaScript	C++
Java	Python
Ruby	Swift
SQL	

CERTIFICATIONS

CompTIA Linux+

AWARDS

Good Conduct Medal

November 2020

Navy and Marine Corps Achievement Medal

September 2019

Navy Veteran with DoD Secret clearance looking for roles in Software Development.

8+ years of experience in software development. Proficient in several programming languages such as Ruby, Python, C++, and Java. Familiar with software design models such as Model-View-Controller and Master Detail Applications. 2+ years of experience working with Linux operating systems. Certified with CompTIA Linux+ certification.

EDUCATION

MASTER'S IN COMPUTER SCIENCE AND SOFTWARE ENGINEERING CANDIDATE

Auburn University

- Expected Graduation Date: May 2023
 - Related Coursework:
 - Advanced Topics in Algorithms
 - Database Systems I
 - Machine Learning
-

BACHELOR OF SCIENCE IN COMPUTER SCIENCE / DECEMBER 2020

University of Maryland

- GPA: 3.9
 - Honors: Magna Cum Laude, Dean's List
 - Spring 2017 – Fall 2020
 - Related Coursework:
 - Advanced Programming Languages
 - Data Structures and Analysis
 - Design Computer Algorithms
-

SKILLS

Linux Operating Systems	Git / Version Control
Team Coordination	Collective Leadership
Database Management	Command Line Interface



SHOWCASE PROJECTS

WHOBOOK – SOCIAL MEDIA SITE

Languages used: HTML, CSS, JavaScript, Ruby, Rails, SQL **Url:** <https://github.com/boydjc/WhoBook>

WhoBook is a full-stack site that values anonymity for non-registered users of the site. In this site, users can make a post for others to read. However, visitors who do not have an account will not be able to see which user wrote the post. This project follows the MVC design model and provides many-to-one relational structure between users and their posts in the database. CRUD operations are performed to create, read, update, and delete user posts and accounts.

ENVIROMATE – IOS ENVIRONMENTAL DATA APPLICATION

Languages used: Swift, XCode **Url:** <https://github.com/boydjc/EnviroMate>

EnviroMate is an iOS app that displayed environmental data for a given location. The app interfaces with Geoapify API to grab longitude and latitude coordinates for an area. The app then sends the data over to Ambee API to get environmental data for those coordinates. The app provides weather data, as well as information on soil moisture, water concentration, greenhouse gasses, and local fire reports.

WORK EXPERIENCE

SOFTWARE ENGINEER – FULL STACK – CONSULTANT, BOOZ ALLEN HAMILTON; MCLEAN, VA

2022 – PRESENT

- Provide software engineering solutions to locations within and around the Washington D.C. Metro Area

AVIATION MAINTENANCE ADMINISTRATIONMAN, U.S. NAVY; NORFOLK, VA

2015 – 2022

- Ensured accurate data collection from all Fleet Readiness Center Mid-Atlantic sites.
- Regularly created Microsoft Excel VBA and PowerPoint presentations for Fleet readiness center production officer, executive officer, and commanding officer.
- Deployments: Operation Inherent Resolve (2016), Pentagon Dynamic Force (2018)

