

Christopher Houston

Software Developer

Professional Summary

Military technology professional and recent Software Development graduate who earned awards for outstanding performance in managerial, technical, and academic capacities. Fundamental knowledge of software design and development. Seeking to utilize broad educational and military background with excellent analytical, technical, and programming skills to thrive as an entry-level software developer.

Education

16-Wk Full-Stack Immersive Program, 2021

Digital Crafts – Atlanta, GA

Coursework includes front-end web development, back-end web development, JavaScript, Node.js, React, Redux, Git, SQL/NoSQL databases, the command line interface, DOM manipulation, Python programming fundamentals, Responsive web design, and more.

BA: Human Rights, 2017, 19 CREDITS COMPLETED

Columbia University in the City of New York – New York, NY

AS: Business Administration, 2015 – 2016, 44 CREDITS COMPLETED

Borough of Manhattan Community College – New York, NY

Military Education

Electronics Maintenance Technician Course (680hrs) – 2013

Advanced Electronics Course (419hrs) – 2012

Formal School Instructor Course (112hrs) – 2010

Projects

S.M.A.C. Overflow | Collab App | React, Redux, MUI Core, JavaScript, Firebase | September 2021

- Collaboration app that allows developers to connect with others to mentor or get help in the development sphere.
- Responsibilities: Authentication, Redux, Firebase database relation, queries and updates, CSS styles.
<https://SMAC-Overflow.netlify.app> <https://www.youtube.com/watch?v=nceggCH1oqc&feature=youtu.be>

Indubitably | Job Search App | Node.js, HTML, CSS, PostgreSQL, Express.js | August 2021

- Job search app that allows the user to search for jobs by title and/or location, in addition to saving jobs as favorites.
- Responsibilities: Node Views/Partials, Express routes, performed database model association, added 'Save/Unsave' jobs buttons & corresponding 'Post/Delete' routes to update PostgreSQL database.
<https://Indubitably.app> <https://github.com/SgtHouston/Indubitably/blob/main/README.md>

EQ Tracker | Seismic Activity Tracking App | JavaScript, HTML, CSS, REST API | July 2021

- Earthquake tracker that allows the user to read and visualize data about the 60 most recent earthquakes worldwide.
- Responsibilities: Selected iconography & designed layout, rendered earthquake data from API w/ JS.
<https://Earthquake-Tracker.netlify.app> <https://github.com/rrr5458/earthquake>

Dimensional Defender | Arcade-Style Space Shooter Game | Python, JSON | June 2021

- Solo development of an arcade game using the Pygame library w/ JSON to save high score data.
<https://github.com/SgtHouston/Dimensional-Defender/blob/main/Readme.md>

Professional Experience

United States Marine Corps, 2005 – 2015

Communications-Electronics School Instructor

- Provided daily oversight and technical instruction to over 500 Marines as a subject matter expert in the maintenance and repair of ground data/communications equipment.

Operations Manager

- Coordinated traveling, billeting, daily class instruction, and training preparation for over 4,000 Marines resulting in being awarded for outstanding performance of duty.

Communications Electronics Maintenance Chief

- Obtained a Secret security clearance to supervise ground data/communications maintenance activities and instruct in the use and repair of ground data/communications equipment and systems. Awarded for the repair of critical Explosive Ordinance Detection devices in Iraq, saving the Marine Corps replacement costs over \$100K.