

Christopher Houston

Software Engineer

Professional Summary

Military technical professional and recent Software Engineering 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, troubleshooting, and programming skills to thrive as a software engineer/full-stack developer.

Education

Full-Stack Immersive Software Development Program, 2021

Digital Crafts – Atlanta, GA

Coursework includes front-end web development, back-end web development, JavaScript, React, Redux, Node.js, Express, Git, SQL/NoSQL databases, Bootstrap, AJAX, jQuery, REST APIs, Python, 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 | Full Stack Collaboration App | React, Redux, MUI Core, JavaScript, Firebase

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

Indubitably | Full Stack Job Search App | Node.js, HTML, CSS, PostgreSQL, Express.js

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

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

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

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

- 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.