

# Christopher Houston

## Software Developer

### Professional Summary

Military tech 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

**Full-Stack Immersive Software Development Certificate**, 2021

**Digital Crafts** – Atlanta, GA

Coursework includes React, Redux, Node.js, Express, Python, Advanced JavaScript, SQL/NoSQL, HTML, CSS, Bootstrap, AJAX, jQuery 3, REST APIs, JSON, Git, Command Line, Node Modules, NPM, and Agile Project Management.

**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 – 2013

Advanced Electronics Course – 2012

Formal School Instructor Course – 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

**Marine Corps Communications-Electronics School Instructor** – Marine Corps Air Ground Combat Center, CA

- 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.

**Student Reception Center (SRC) Operations Manager** – Marine Corps Air Ground Combat Center, CA

- Coordinated traveling, billeting, daily class instruction, and training preparation for over 4000 Marines.
- Awarded for "Outstanding Performance of Duty" in the direct management and instruction of over 4000 Marines.

**Communications Electronics Maintenance Chief** – Camp Lejeune, NC

- Obtained a Secret security clearance to supervise a maintenance shop in its ground data/communications maintenance activities and instructed in the use and repair of ground data/communications equipment and systems to junior Marines.
- Awarded for repair of critical Explosive Ordinance Detection devices during Operation Iraqi Freedom, saving the Marine Corps replacement costs in excess of \$100K.