

Christopher Houston

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Motivated software engineering graduate from the Digital Crafts Full Stack Development Program with 18 months experience in software engineering. Military technical professional who earned awards for outstanding performance in managerial, technical, and academic capacities. 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

Digital Crafts, Atlanta, GA 2021

Full-Stack Immersive Software Development Program

Columbia University, New York, NY (2017) – 19 Credits toward BA in Human Rights

Borough of Manhattan Community College, New York, NY (2015-2016) – 44 Credits toward AS in Business Administration

[Cumulative GPA 3.7]

Marine Corps Communications-Electronics School, 29 Palms, CA

Electronics Maintenance Technician Course (680hrs) – 2013

Advanced Electronics Course (419hrs) – 2012

Formal School Instructor Course (112hrs) – 2010

Technical Skills

Programming/Scripting/Markup Languages: JavaScript, HTML, CSS, Python

IDE Tools: VSCode

Package Managers: npm

Database/Cloud Services: Firebase (NoSQL Cloud), PostgreSQL (RDBMS SQL)

Frameworks/Libraries: React.js, Redux.js, Express.js, Bootstrap, React Bootstrap, MUI Core

Runtime Environments: Node.js

Software Tools: Github, Nodemon, Postman, Insomnia, Sequelize, Beekeeper

Experience

United States Marine Corps,

Communications-Electronics School Instructor (2010-2015)

- 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 (2009-2010)

- 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 (2005-2009)

- 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.

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, 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>