

# Christopher Houston

## Software Developer

### Professional Summary

Military tech professional who earned awards for outstanding performance in managerial, technical, and academic capacities. Post-military career passion for gaining software development skills and experience, both serving clients and solving real-world problems using full-stack application tools

### Projects

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

- Remote 4-person team built a job search app inspired by indeed.com that allows the user to search for jobs by title and/or location, in addition to saving jobs as favorites
- Responsibilities: Rendered Node Views/Partials based on login status, used Express to establish home/favorites page routes, performed database model association, added 'Save/Unsave' jobs buttons & corresponding 'Post/Delete' routes to update PostgreSQL database, and authored README file

<https://Indubitably.app>   <https://github.com/SgtHouston/Indubitably/blob/main/README.md>

#### **Earthquake Tracker | Global Seismic Activity Tracking App | JavaScript, HTML, CSS, REST API | July 2021**

- Remote 4-person team built an 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, & README file

<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
- Learned Pygame library through self-study to build a project using technologies outside of course scope

<https://github.com/SgtHouston/Dimensional-Defender/blob/main/Readme.md>

### Education

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

##### **Digital Crafts – Atlanta, GA**

Certificate coursework includes Python, Git, Terminal, Command Line, HTML, CSS, Bootstrap, Advanced JavaScript, AJAX, jQuery 3, Restful APIs, JSON, Node.js, npm, Express, Node Modules, PostgreSQL, HTTP, React, Redux, Terminal/SSH, Hosting, and Agile Project Management

#### **BA: Human Rights, 2018, 19 CREDITS COMPLETED**

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

#### **AS: Business Administration, 2015 – 2017, 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

Ground Communications Repair Course – 2006

### 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