Robert Farley

Full Stack Software Engineer

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SUMMARY

Passionate software developer with a diverse background looking to tackle new challenges from the moon to under the ocean. Seeking a position to bring an outside-of-the-box approach and exceptional ability to take on problems with effective solutions.

PORTFOLIO

- AirBnB Clone - https://github.com/Nomad-Rob/holbertonschool-AirBnB_clone_v4
  Developed a web application using modern web technologies. Implemented features such as user authentication, property listing, search functionality, and booking capabilities. Collaborated off and on with a partner throughout stages until completion. Utilized HTML, CSS, MySQL, Python, Flask, and more.

- Wes's Cozy Kitchen - https://github.com/Nomad-Rob/Hack_Sprint-Breakfast
  A theme of "Breakfast" was given to small teams where they were given a week to make something from scratch. My team came up with an idea to make a breakfast ingredient choosing Pygame to showcase our python skills. A player advances through different levels while learning how to make new and classic breakfast choices show casing JSON setup, asset setup, and event handling.

- Simple Shell - https://github.com/Nomad-Rob/holbertonschool-simple_shell
  A simple UNIX command interpreter written in C language. The program uses bash commands it retrieves from the command line interface (CLI) that are inputted by the user. This project allowed practice of parsing data, validating paths, and tokenizing arrays.

WORK EXPERIENCE

2006 - Present Oklahoma Army National Guard

- UH60M Helicopter Pilot (2020 - Present)
  - Proficient in diverse aircraft missions including Troop Movement, Sling Load, Assault, Water Buckets and more
  - Utilized skills such as Flight planning, Pre-flight checks, Crew Leadership, Critical thinking, Navigation, System Management, Monitor in-flight data
- Oklahoma Counterdrug Ground Recon Team Leader (2016-2019)
  - Led a small unit in support of law enforcement with counter narcotic operations in rural and urban environments in Oklahoma
  - Utilized photography, audio, and video surveillance as well as infiltration techniques
  - Comprehensive background in tactical planning, communications systems, map reading, command post operations, and surveillance
- Sniper/Scout Platoon Sergeant (2006-2019)
  - Trained and Led 32 soldiers in training, combat operations, and mentorship
  - Deployed multiple times, competed in International Joint Service Sniper competitions

2019 - 2020 Aegis/GardaWorld Federal Services

Designated Defensive Marksman/Protective Security Specialist

- Performed protective security functions for key Department of State personnel while in Kabul Afghanistan.
- Conduct pre site surveys on principals future location while in a high state of security posture or low visibility operations.

2015 - 2016 Xerox Business Solutions Southwest (Apple Division)

Senior Technical Advisor

- Managed a team of 20 personnel to successfully provide exceptional support and resolution to ongoing technical issues.
- Directly coordinated with iOS and CPU engineers through help desk tickets to provide technical resolution.
- Functioned as interim operations manager at times to guide all technical supervisors

SKILLS

Frontend

- JavaScript
- ReactJS
- jQuery
- HTML & CSS
- Bootstrap

Backend

- Python
- Node.js
- MongoDB
- Docker
- MySQL

Protocols and API

- RESTful API
- JSON

Other Tools

- Visual Studio Code
- Figma

Other

- Commerical Aircraft Pilot (Helicopter)

EDUCATION

Holberton Tulsa
Diploma of Computer Science & Full-Stack Web Development

Rigorous 20 month computer science and software engineering school that is project and peer-learning based.