

Kon Ham

US Veteran | Software Engineer

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Skills

Programming Languages: Ruby, SQL

Web Technologies: Rails, REST APIs, Active Record, JSON, Heroku, PostgreSQL

Workflow Applications: Atom, Github, Microsoft Office, Miro, Slack, Trello, VSCode, Zoom

Methodologies: Agile, OOP, Test Driven Development, Unit Testing, Deployment, Continuous Integration (CI)

Teaching Skills: Communication, Evaluate Curriculum, Presentation, Team Training

Spoken Language(s): English - Mastery, Korean - Conversational

Experience

Code the Dream, Durham NC - Mentor **Oct 2021 - Present**

- Train 11 students from various backgrounds (underrepresented, historically excluded, immigrants) to develop into competent and empathetic software developers.
- Engaged in 1:1 sessions with students as needed to provide targeted feedback and instruction
- Taught and mentored materials included: Ruby, Rails, SQL, RSpec, Bootstrap, API, MVC, RESTful

Turing School of Software and Design, Denver CO - Backend Engineer **Jan 2021 - Sep 2021**

- Developed a total of 13 projects, ranging from solo, paired, to groups of up to 6 members
- Skills learned with these projects: Git workflow, team collaboration, README documentation, CLI, Standups, integration with CI and deploying code to production utilizing Heroku
- Reported to project manager, worked in sprints, followed TDD, revised feature or implementation as needed

United States Coast Guard, Galveston TX - Petty Officer Third Class **Jan 2016 - Jan 2020**

- Supervised completed work of up to four subordinates
- Coordinated support operations of up to 12 Coast Guard naval assets

Projects

[Find My City](#) Agile, CSS, Heroku, HTML, PostgreSQL, Rails, RSpec, TDD, TravisCI
Search for cities. Sort cities by criteria. Major urban cities have scores that users can compare with other cities. Users can save their favorite cities.

Live site [here](#) (takes time to load)

[Sweater Weather](#) APIs, Rails, PostgreSQL, RESTful, RSpec, TDD, TravisCI
Find weather data for the city you are traveling to. Know what the weather will be like whether you arrive three hours later or three days later.

[Pawty-Trainer](#) Continuous Integration, CORS, CSS, GraphQL, HTML, PostgreSQL, Rails, React, TDD
Track your dog's training. Manage a training schedule via calendar. Users can customize dogs through name, breed, age. CRUD functionality.

Live site [here](#) (takes time to load)

Education and Certifications

National Center for Outdoor Adventure and Education, Wilmington NC

Accredited Certificate - Emergency Medical Technician - Level B

NREMT Certified (2020)

Western Governors University, Salt Lake City UT

9/34 Credit Units - Master of Business Administration

Western Governors University, Salt Lake City UT

Accredited Degree - Master of Education in Instructional Design (Obtained while working full time in the military)

John F. Kennedy University, Pleasant Hill CA

Accredited Degree - Bachelor of Arts in Psychology - Early Childhood Education (Obtained while working full time in the military)