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**](https://github.com/NoahZinter/find_my_city_be)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**](https://helpmefindmycity.herokuapp.com) **(takes time to load)**

[**Sweater Weather**](http://github.com/kon-ham/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**](http://github.com/Pawty-Trainer/pawty-trainer-api)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**](https://pawty-trainer.github.io/pawty-trainer) **(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

**Turing School of Software and Design**, Denver CO

Accredited Certificate - Backend Engineering Program

**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

**John F. Kennedy University**, Pleasant Hill CA

Accredited Degree - Bachelor of Arts in Psychology - Early Childhood Education