

ROBERT B. HEATH II

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SKILLS

Ruby/ Ruby on Rails, Test Driven Development (TDD), RSpec, Minitest, SQL, PostgreSQL, Heroku, continuous integration, Travis CI, JSON, API exposure/ consumption, Slack, remote work, Japanese, continuous learning, Git, GitHub (organizations, project board), project planning, presentation, creative thinking, research

SELECTED PROJECTS

*Run the Joules** (6-person, 11 days, Ruby on Rails) [GitHub](#) | [Heroku](#)

- Utilizes cross-functional teams, Ruby frontend/ backend, and Sinatra microservice to allow users to pull their energy consumption, add friends, and compare usage in order to make electricity conservation competitive

*Viewing Party** (3-person, 9 days, Ruby on Rails) [GitHub](#) | [Heroku](#)

- Allows users to look up movie information and schedule watch parties with their friends

*Whether Sweater** (Solo, 5 days, Ruby on Rails) [GitHub](#)

- Aggregates multiple APIs to provide travel and weather information, as well as a restaurant recommendation

All projects built using TDD at both unit and integration levels with RSpec and appropriate extensions

SELECTED EXPERIENCE

Turing School of Software and Design

Denver, CO (remote)

Backend Engineering

July 2020 – May 2021

- Student Leadership committee (3 terms): led weekly retrospectives to develop trust within a remote environment
- Gave 4 20-minute music-related presentations to as many as 50 people as part of community collaboration events
- Led 1 technical talk and discussion on the basics of Ruby on Rails to prepare students in the following cohort

Los Angeles Master Chorale (Part-time/ Contract)

Los Angeles, CA

Company Manager

November 2018 – present

- Maintained perfect accountability of 27 musicians and support staff while on 5 national and multinational tours

Resonance Horizon Orchestra

Los Angeles, CA

Co-founder/ Chief of Operations

June 2017 – March 2018

- Recruited, interviewed, and auditioned 40 musicians

Project: Sound

WV, PA, OH, & CA

Founder and Conductor

Summer 2016 & 2017, OCT 2019

- Fundraised and managed a budget of roughly \$25,000 for three tours with musicians from 6 countries

SELECTED MILITARY EXPERIENCE

249th Army Band (West Virginia Army National Guard/ Part-time)

Morgantown, WV

Clarinetist/ Clarinet Section Leader

March 2006 – December 2010, September 2015 – present

- Led 6 personnel in the archiving of over 1000 band works inherited from a local civic band

Seventh Fleet Band (United States Navy)

Yokosuka, Japan

Clarinetist/ Travel Coordinator/ Unit Leader

December 2010 – August 2015

- Despite extensive bookings due to the local festival and the last-minute orders, ensured a smooth tour in Sasebo, Japan in June 2014 by managing simultaneous bookings at three hotels in both English and Japanese
- Streamlined operations by generating and maintaining a travel requirements system for 35 personnel
- Prevented any delay in the liquidation of over \$10,000 by personally assisting band members with travel vouchers
- Oversaw visa applications and dispatched personnel as needed to obtain visas on tight timeframes

EDUCATION

UC San Diego School of Global Policy and Strategy

La Jolla, CA

Master of Advanced Studies in International Affairs

June 2017

Marshall University

Huntington, WV

Bachelor of Arts in Political Science & Bachelor of Fine Arts in Music Performance

May 2009