karstenrabe91@gmail.com
231-907-1661

Karsten Rabe   Karstenrabe.dev

TECHNICAL

Skills:
- 4+ years experience with JavaScript, jQuery, HTML5, CSS3, Debian-based Linux environments, Apache, bash scripting, MySQL, Object Oriented design
- 1+ years experience with the MERN stack; Node.js, Express, MongoDB, Mongoose, React, JSX, Angular, Typescript, RESTful services and APIs

Tools:
- VS Code, Git, Robo3t, Postman / Insomnia, Unix-like shell environments, Nano, VIM, Chrome console

WORK EXPERIENCE

Raven's Eye Solutions | Co-Owner, Lead Developer, Project Manager   April 2019 - Present
- Manager of a small developer team
- Platform design and architecture

Trilogy Education Services | Teaching Assistant, *Morrisville, NC*   November 2018, Present
- Teach classes on algorithms and data structures, searching and sorting, time complexity, heaps, stacks, and queues, MySQL
- Help students debug projects using the browser console, server logs, documentation and stack overflow
- Responsible for grading students' homework assignments

Freelance Web Development | Full-Stack Engineer - Portfolio   2018 - Present
- Development of interactive web applications using modern, cutting edge web technologies
- Meaningful semantic markup and mobile-first design using modern CSS frameworks

United States Peace Corps | Volunteer IT Consultant, *Benin, West Africa*   June 2015 - Sept 2017
- Responsible for mobile app development for data collection, support for hardware and software issues and malware removal

EDUCATION

UNC Coding Bootcamp   June - November 2018
  - Certification in Full-Stack web development. A+ GPA
  - *HTML/CSS, JavaScript, Bootstrap, jQuery, Ajax, Git, NodeJS, Express, MySQL, Sequelize, MongoDB, Mongoose, React, Angular, Handlebars*

The University of North Carolina at Chapel Hill | *Chapel Hill, NC*   May 2014
  - Bachelor of Arts in Global Studies, Minor in French
  - 2013 - President of the UNC French Club

French - Full Professional Proficiency
  - State Department 'Superior' rating (ILR: 4, CEFR: C2)

PROJECTS

AMPHORA   In Development
- A light-weight, open-source Pandora web client based on the Linux Pandora client Pithos
  Technologies: MERN Stack, Passport.js, Bootstrap 4, Axios, Flexbox, HTML5 audio

RUN AMOK MEAD APP   March 2019
- A custom, robust data collection tool for Run Amok meadery
- Enables Run Amok meadery to achieve greater efficiency through digital data collection
  Technologies: MERN Stack, Material UI, REST-like API, Mongoose, Passport.js, Babel, Webpack, nodemailer

More Recent and Bootcamp related projects on my PORTFOLIO