Alec Levin

alec@arlevin.org | (707) 373-6962

Résumé website: arlevin.org
Portfolio: github.com/arl505

Experience

Planet Rocket - Arcata, CA

Web Engineer (React.js, MERN, LAMP/LEMP), March 2018 - Present
- Led redesigning and updating of previous V1 codebase on LAMP (Linux, Apache, MySQL, and PHP) stack
- Designed and implemented V2 with a MERN (MongoDB, Express.js, React.js, and Node.js) stack deployed on an AWS Elastic Cloud Compute (EC2) instance serving the project with NGINX
- Specialized in full stack work, sending data between the client and server; first this was done with PHP, MySQL, and HTML, then with MongoDB, Axios, JSON, and React

Codepath.org - Arcata, CA

Tech Fellow (Android), October 2018 - Present
- Served as an instructor for the Android Applications course at Humboldt State University
- Required a high degree of understanding of the curriculum topics, including but not limited to: Java, C#, Android Studio, Visual Studio, Gradle, Xamarin, (A)XML, and Git
- Responsible for teaching the for-credit course to roughly 15 students across a 15 week course with each week comprising of two lectures and a lab
- Organized meetings, assignments, lectures, labs, and grading.

Lawrence Berkeley National Laboratory - Berkeley, CA

Computing Sciences Summer Student Researcher, Summer 2015
- Worked as a researcher within the Integrated Date Frameworks group of the Data Science and Technology Department of the Computational Research Division
- Used the Python scientific computing library, SciPy, and specifically the NumPy and Matplotlib packages
- Constructed advanced visualizations of high frequency weather data in order to perform quality assurance and correction of the data
- Daily work included Python code writing, quality assurance of new data, and attendance at team meetings and seminars
- Program concluded with end of summer poster making and presenting

Academics

Humboldt State University - Computer Science B.S., May 2019

Honors/Activities: Second place at Lumberhacks Hackathon, Computer Science Club Vice President, multiple Presidential Scholar or Dean's List terms, grader for introductory computer science class

Benicia High School - June 2015

Activities: Gender & Sexuality Alliance President