Alec Levin

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

Skills

Spring Boot (Java)	Linux administration	SQL (T-SQL, MySQL)
System design and architecture (high performance, scalability, and reliability)		
Web security (OAuth 1 & 2) and user security	GitHub + Jenkins CI/CD	REST API design and implementation
JavaScript (React/Express)	Android (Java)	C++
AWS	Azure	Pivotal Cloud Foundry

Experience

Ford Motor Company (TekSystems) - Detroit, MI
Full Stack Software Engineer (Java), June 2019 - Present
- Enabled vehicle connectivity through advanced implementations of common authentication flows for both client and server using both OAuth 1 and 2
- Created cloud native applications designed to be used by millions of vehicles
- Owned product lifecycle: designing, coding, tuning, deploying, and maintaining
- Designed services for performance and made use of modern agile practices
- Agency employee via TekSystems, Inc.

CodePath (Supported by Facebook, Microsoft, Google, Amazon, and AirBnB) - Arcata, CA
Android Instructor for Humboldt State University, October 2018 - May 2019
- Taught a for-credit university course over a 15 week term, focused on entry level Android programming
- Led project based learning covering: Java, C#, Xamarin, (A)XML, Gradle, and Git

Planet Rocket - Arcata, CA
Web Engineer, March 2018 - May 2019
- Maintained legacy LAMP stack application (Linux, Apache, MySQL, and PHP)
- Wrote new MERN stack application (MongoDB, Express.js, React.js, and Node.js)
- Administered MERN web app on AWS EC2 Linux VM with NGINX

Lawrence Berkeley National Laboratory - Berkeley, CA
Computing Sciences Summer Student Researcher, Summer 2015
- Constructed advanced visualizations of high frequency weather data in order to perform quality assurance and correction of the data
- Used the Python scientific computing library, SciPy, and specifically the NumPy and Matplotlib packages

Academics

Humboldt State University - Computer Science B.S., May 2019
Activities/Honors: Computer Science Club Vice President, multiple term honors, second place at Lumberhacks Hackathon, grader for introductory computer science course

Benicia High School - June 2015
Activities: Gender & Sexuality Alliance President