

## Alec Levin

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Résumé website: [arlevin.org](http://arlevin.org)

Portfolio: [github.com/ar1505](https://github.com/ar1505)

## Experience

Ford Motor Company - Taylor, MI

Full Stack Software Engineer (Java), June 2019 - Present

- Member of the Connected Vehicle Platform and Products (CVPP) group within the Smart Mobility division
- Use Java to create and deploy highly available and highly scalable APIs and applications that receive millions of requests per day
- Projects span from building mechanisms that allow users to connect to third party applications (navigation, etc.) to building systems which support future autonomous mobility
- Hackathon People's-Choice winning team member

Planet Rocket - Arcata, CA

Web Engineer (React.js, MERN, LAMP/LEMP), March 2018 - May 2019

- 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

Lawrence Berkeley National Laboratory - Berkeley, CA

Computing Sciences Summer Student Researcher, Summer 2015

- Worked as a researcher within the Integrated Data 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