

# EARL PEREZ

Software Engineer

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<https://github.com/ebcp-dev>



## Education

### Western Governors University

Bachelors of Science in Computer Science

2018 - Present

Certifications: CIW Site Development Associate, CompTIA Project+

### California State University Sacramento

Computer Science

2014 - 2018



## Skills

Java  
SQL  
Python

JavaScript  
HTML  
CSS

Node.js  
Express  
Flask

PostgreSQL  
MySQL  
MongoDB

React  
Redux  
Webpack

Git  
Travis CI  
Mocha  
Chai



## Projects

### Resumer

Node.js, React, Redux, PostgreSQL, Mocha, Chai, Travis CI, Docker, Kubernetes, AWS

2018 • <https://github.com/ebcp-dev/resumer-api> • <https://github.com/ebcp-dev/resumer-ui>

- A web app where users can create profiles and keep track of their job applications.
- Created a REST API with Express connected to a PostgreSQL instance hosted on Amazon RDS.
- Created a frontend UI with React, Redux and Axios to create HTTP requests to the Node.js API.
- Used ag-Grid to display added jobs as an interactive data table.
- Used Chart.js to display job application statistics.
- Used Passport.js to authenticate users with JSON Web Tokens.
- Wrote unit tests for the API using Mocha, Chai and used continuous integration with Travis CI.
- Project Link: <https://resumer.xyz/>

### Forum'd

Node.js, React, MongoDB, Passport

2018 • <https://github.com/ebcp-dev/forumd>

- Created an online forum with Node.js/Express, React, MongoDB and Bootstrap.
- Users can register accounts and create and edit a profile to track activity.
- Users can also submit, comment, edit, delete posts.
- Passport.js and Bcrypt.js are used to handle authentication.
- Deployed to Heroku: <http://theforumd.herokuapp.com/>



## Experience

### Student Assistant Web Developer

California Secretary of State

May 2018 - July 2018

- Used HTML and CSS to improve and maintain the agency's website under the supervision of agency staff.
- Used the concrete5 content management system to manage website content under supervision of agency staff.
- Ensured that web pages and documents were ADA compliant for easier accessibility.