Bethany Armitage - Software Engineer
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Education

California State University, Bakersfield (Fall 2014 - Spring 2016)
- 3.50 GPA overall including transferred credits
- Bachelors of Computer Science, Spring 2016
- Certificate for Outstanding Academic Achievement in Computer Science
- Senior Project: Sequoia Grove (Summer 2015 - present)
    - Angular and Java Spring web application for employee scheduling
    - Represent a weekly schedule in a relational database
    - Compartmentalizing project to be worked on by multiple people
    - Control user access based on levels
    - Implementation of JSON Web Token passing for prevention of man in the middle attacks
    - Design and code visual indication of invalid schedule placement for reasons including that the employee scheduled does not have the availability, required position for the shift, or the employee is not an active employee.
    - Implementation of an interface for employees to request vacation days
    - Construct SQL views from base tables to use for PL/SQL functions for advanced queries accepting a parameter to obtain data.
    - Implement angular directive used to control the state of the schedule as it changes. When the user types the first name of an existing employee, it checks that that employee is able to be scheduled for the given shift on the given day. Visual indication displays whether the name is recognized or not.
    - Statistics on the current schedule are computed when a user clicks save. It iterates the schedule object to count the days and hours each employee is scheduled for the manager to reference.
    - Changing database structure in later phases to accommodate multiple businesses with multiple locations
    - Save an arbitrary order of shifts via an open source drag and drop library
    - AWS host database using RDS UI and EC2 instance
    - AWS host application using Elastic Beanstalk UI and EC2 instance

Bakersfield College (Spring 2010 - Fall 2014)
- 3.53 GPA only credits used toward transfer
- General Education, Computer Science credits. Transfer Fall 2014
- MESA Program member, APLUS scholarship recipient

Recent Employment History

Mershon Enterprises, LLC - Software Engineer (May 2015 - Present)
- Central Coast Wine (June 2016 - July 2016)
    - Ionic, Angular and Firebase (noSQL datastore) web application for wineries of California's central coast.
- Cenotaph Memorial (April 2015 - April 2016)
    - Ionic, Angular and Clojure web application for virtual memorials
    - UI/UX scaffolding design

Slixbits, INC - Software Engineer (Dec. 2014 - Apr. 2015)
- Hydra (March 2015 - May 2015)
    - EmberJS and Clojure web application for Data Collection.
    - Assorted Front End Development

Sequoia Sandwich Company - Cashier and Supervisor (Aug. 2010 - Dec. 2014)
- First awarded employee of the month for the new program
- Delegation of tasks to employees
- Customer service and following opening and closing store procedures.
- Used knowledge gained to implement employee scheduling program for senior project.

Other Projects

What's Happening? (April 8 - 10 2016, "Distill Your Idea" Hackathon)
- First place team
- Angular social events web application that utilizes Facebook's graph API to pull event data from local bars and breweries.
- Idea development, team organization and compartmentalization of tasks.

Disaster Relief Supply Inventory Management System
(August 2016 "Tech Fighting The WIldfires" Hackathon)
- Angular/Firebase emergency supply distribution management
- Project setup, UI theme

Reader's Block (Nov. 18 - 20 2016, "Electric Bookworm" Hackathon)
- Book reading list management. Angular, Node, firebase, patchwork.
- Empty project setup, firebase integration, UI talk to firbase

Skills

Java, C, C++, AngularJS, JavaScript, HTML, CSS, Ionic, Spring, Maven, git/GitHub, SQL, Oracle, PostgreSQL, firebase, Liquibase, Bower and npm, Linux, tmux, vim, Bootstrap