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## TECHNICAL SKILLS

Strong: Javascript (ES6), React, Express, Ajax, MySQL, MongoDB, HTML/CSS, Flexbox, JQuery, Npm, Linux  
Experienced: Angular, Mocha/Chai, Git, Nodejs, Postgres, Sequelize, Heroku, AWS, Agile Methodologies

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## RECENT PROJECTS

### TriforceEssence

*Replicated AirBnB Experience microservice architecture to test specific user interaction and monitor data flow*

- Optimized service response times by 50% through incorporating indexing in MariaDb database.
- Designed and maintained relational database with 10 million data points.
- Connected multiple Amazon SQS queues to asynchronously pass data between microservices.
- Stress tested service routes with artillery ensuring steady performance levels across multiple scenarios.

### WeAreFerrets

*Shared synchronous video streaming social platform*

- Architected front-end homepage to display all rooms stored persistently within a Postgres database.
- Converted existing codebase to React Router improving modularity and site navigation.
- Instantiated a room creating feature allowing multiple users to interact through use of websockets.
- Configured facebook authentication status to allow signed in users access to specific features.

### FunWithTwitch

*View multiple twitch streams at once and save layout as unique group*

- Used non relational cloud database to allow deployed app to have data persistence.
- Processed live data from Twitch Api through Express Request to improve client side performance.
- Synthesized database information to be rendered with React components composed from Bootstrap.
- Incorporated Google Sign in to allowed signed in users to save and load stream layouts.

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## EXPERIENCE

**Hack Reactor** || *Software Engineering Fellow* 2018

- Provided guidance to students developing autonomous habits while working on projects involved with full-stack applications, algorithms, data structures, and debugging practices.
- Delivered lectures covering software engineering principles and personal development.

**Sunrun** || *Solar Consultant* 2016

- Engaged, educated, and qualified homeowners as potential clients for Sunrun solar services.
- Facilitated trainings of new hires in all job aspects including office procedures and on field practices.

**CSUSM Cross Cultural Center** || *Peer Educator* 2014

- Created/maintained inclusive environment enabling students to partake in multicultural dialogue.
- Planned large events and educated audiences about occurring social justice issues in our community.

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## EDUCATION

**Hack Reactor** || *Advanced Software Engineering Immersive Program* 2018

**California State University, San Marcos** || *BA in Criminology and Justice Studies* 2015

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