

# Alan Garcia

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## Education

### California State University, Northridge

Bachelor of Science – Computer Science

### Coursera.com

- AWS Cloud Technical Essentials

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## Technical Projects

### Game Hub - [GitHub Repo](#) | [Live Demo](#)

- Used React.js and Material UI to build the web interface and used React Router to navigate between components.
- Back end was built using NodeJS and Express.js with libraries such as Mongoose.js to be used as a ORM and to communicate with MongoDB.
- Created an Entity Relational Diagram to design the database and design a RESTful API.
- Performed unit testing on models and HTTP endpoints.
- Setup and contribute to the CI/CD pipeline.

### Employee Database - [GitHub Repo](#)

- Front end was built using React.js and styled with Bootstrap and used React Router to navigate between components.
- Back end was built using NodeJS and Express.js with a PostgreSQL library to communicate with the database.
- Created an Entity Relational Diagram to design the database.

### Skynet - [GitHub Repo](#) | [Live Demo](#)

- Used React.js and styled components to manage the project.
- Created a design and created components from the design to reuse.
- Set up a CI/CD pipeline with GitHub Actions.
- Wrote unit tests using React Testing library.

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## Skills

Programming Languages: HTML5, CSS3/Sass, JavaScript, Python, Java

Cloud Platforms: Amazon Web Services

Frameworks & Libraries: React.js, Node.js, Bootstrap, Material UI, Express.js, mocha.js,

Tools & Platforms: Git, GitHub

Databases: PostgreSQL (SQL), MongoDB (NoSQL)

Exposure: Test Driven Development, Docker, Agile Development