Diego Guisande

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**Education**

Bachelor of Arts in Business Administration, Concentration in Management Information Systems

CSU Sacramento. . . . . . . June 2020

**Employment**

**California Energy Commission |** August 2019 – Current **Sacramento, CA**

Student Assistant Programmer

* Maintained and Optimized an interactive 3D Mapping tool visualizing all of California’s hydroelectric power plants.
* Refactored the code base for enhanced modularity, developer accessibility, and future improvements.
* Transitioned new visualizations towards using ArcGIS Application Program Interface software suite.
* Created Python scripts to automate data transferal from CSV format to GIS compatible formats.
* Coordinated on hydroelectric generation projects in tandem with international human resources.

**Ubisoft entertainment |** June 2017 – June 2019. **San Francisco, CA**

Game capture assistant

* Reduced shift transition time by 10% by eliminating wasted time of employees.
* Advised Development team with game delivery by reassembling gaming hardware; creating two extra stations.
* Delivered exceptional customer service to over +200 guests at events such as Games-con SF, and E3 2018.

**Target Corporation |** September 2017 – November 2018 **Pinole, CA**

Electronic Sales Representative

* Increased monthly sales by 15% through upselling in order to increase order batch size and reduce inventory order frequency.
* Helped over +90 customers every shift, while managing inventory levels and inventory orders.
* Increased communication with Target security in order to protect the electronic department’s store assets.

**Software Projects**

Yelp Website Clone: Website with CRUD functionality that displays different types of campgrounds instead of restaurants.

* Application is running on an Amazon AWS Instance with a MongoDB database in the cloud service, MongoDB Atlas
* User accounts have full authentication middleware, conditional formatting, and personalized notifications.
* Adapted project source code to create a website for rating and reviewing restaurants that me and my friends visit.

Technology utilized: MongoDB Atlas, Node.JS, Linux CLI, JavaScript, NPM, Git, Amazon Cloud AWS, Mongoose, Passport.JS

Instagram Website Scraper: JavaScript application that extracts the Instagram followers and accounts followed of any given user.

* Utilized automation in order to schedule the data pulling process.
* Data output is logged to a simple React JS webpage.
* Easy addition to other pre-made websites for widget functionality.

Technology utilized: Low. dB, Node.JS, JavaScript, Express web framework, Git, Cheerio, Axios. React.

**Spotify Music Manager:** React web application that expands Spotify customization for the logged in user.

* After logging in with Spotify’s Authentication Protocol, allows for a more robust system of playlist management.
* I created this web application because I wanted a better way to customize my Spotify library, and now others can as well.
* On loading of the page, the user’s most recent songs and playlists load into the app dynamically for ease of use.
* OAuth is also used by Microsoft, Facebook, Google, and therefore can be leveraged to add more features to the app.

Technology utilized: React, Bootstrap, Express, OAuth authentication protocol.

Coursework: Systems Development Lifecycle, Information Systems Security, Business Data Communication, Java with Object-Oriented Programming, SQL Database Management, SAP, Introduction to Data Science, Information Systems Practicum.