

Alonso Gonzalez

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Important Links
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I'm a nascent computer science graduate, a team player, and a creative problem solver.
I feel eager to continue learning anything code, and the front and back end of web development.

PROJECTS

- ❑ **Nondeterministic Polynomial Puzzles: Educational Games with Unity & C#**
 - ❑ Utilized C# to control game dynamics and compute logic for algorithms attempting to solve the NP puzzles.
 - ❑ Found a better understanding of Time Complexity, Nondeterministic Problems, and Tree Traversals.
 - ❑ Followed a SCRUM/Agile workflow conducting 2-week sprints, holding bi-weekly meetings throughout the year. Kept product backlog and sprint sheets on click-up.com and version controlled on GitHub using Git.
- ❑ **Data Mining Chicago and Los Angeles Crime Reports**
 - ❑ Analyzed ~5GB in total of LA/Chicago police reports. Applied full process of data mining from honing down outliers/noise data to applying Statistical Analysis and Data Mining Algorithms to analyze for diversions from hypothesis.
 - ❑ Created Python Scripts to manipulate data stored in an instance AWS server, pandas/scikit to create heatmaps and bar graphs presented via Jupyter Notebook.
 - ❑ Applied knowledge of statistical analysis to data mining structures results.

SKILLS

Languages

- ❑ Java Core
- ❑ C#
- ❑ Python
- ❑ HTML5
- ❑ CSS3/SASS
- ❑ Vanilla JavaScript
- ❑ T-SQL

Frameworks & Libraries

- ❑ Angular
- ❑ jQuery

Tools

- ❑ Linux/Unix
- ❑ VS Code
- ❑ Eclipse IDE
- ❑ MS SQL Server
- ❑ Git
- ❑ UNITY 3D

EDUCATION

California State University - Northridge
— **B.S. Computer Science**

Graduation : May 2018

Coursework: Database Design (MS SQL Server), Data Mining, Web Development, Expert Systems, Advanced Data Structures (JAVA & C++).

Competitions

— **Senior Design Project Showcase:**

Competed against other CS projects and Senior Projects from other STEM majors. Exciting and wonderful experience overall.

WORK HISTORY

Bully Express LLC, Wilmington, CA
— **Dispatcher/Assistant**

October 2013 - PRESENT