

**Java • Python • JavaScript • HTML • CSS • SQL**

*Seeking to leverage my analytical and programming skills to join a team where I can continue to grow whilst providing value.*

## Education

**University of California San Diego**

San Diego, CA

B.S., Management Science (Applied economics), 2017

Relevant Coursework: Calculus, Differential Equations, Vector Calculus, Linear Algebra, Mathematical Reasoning, Game Theory, Introduction to Computer Science, Data Structures & Object-Oriented Design, Computer Organization & Systems Programming, Software Tools & Techniques.

## Work Experience

Feb 2019 – Present

**Strategic Insight – Enterprise Analyst**

- Leverage SQL and Excel to process proprietary data.
- Query data to design client requested datasets.

Mar 2018 – Feb 2019

**Strategic Insight – Data Analyst**

- Revamped quarterly quality assurance project. Cut time to completion in about half.
- Rewrote SQL queries and improved runtime by over 80%, saving hours/days of work.
- Used Python to script/automate tedious excel work.

Jun 2016 – Jan 2018

**UCSD Police Department – Officer In Charge**

- Managed daily flow of CSO Program at UCSD-PD with 100+ employees.

## Programming Experience

Personal Projects

- 2048 Game – Terminal
  - Implemented in Java with test-driven development using JUnit framework.
  - Board is printed on the terminal output and is updated after every user input.
- 2048 Game – Browser
  - Used logic from previous project and translated into JavaScript.
  - Mobile friendly. When viewed on a mobile device, user can use swipe gestures to move.
  - Board is a series of images populated onto a canvas and refreshed after every input.
- Jaimelovera.com (deployed)
  - Purchased domain and small server to deploy my personal website to serve as my portfolio.
  - Developed using HTML, CSS, JavaScript, jQuery and Bootstrap.
  - Responsive and fluid to account for all type of devices and screen sizes.
- Jaimelovera.com – Django Version
  - Used Django framework. Allowing use of admin and a modifiable database to hold projects.
  - Familiarized myself with Models, views, templates and URLs.
  - Deployed on <http://jaimelovera.pythonanywhere.com/>.
- Calorie Tracker Desktop Application
  - Implemented in Java and used JavaFX to create Graphical User Interface.
  - Ability to export generated data to an excel document using XSSFWorkbook.
- Concentration iOS App
  - Implemented in Swift using Xcode IDE.
  - Followed guidelines for Model-View-Controller architectural pattern.

UCSD Courses

- Introduction to Computer Science: Java
  - Classes, scope, inheritance, recursion, exception handling, effective coding standards.
- Data Structures & Object-Oriented Design
  - LinkedList, binary search tree, hashtable, sorting algorithms.
  - C pointers, memory management, running time analysis.
- Computer Organization & Systems Programming
  - Low-level programming, bit storing/reading.
  - SPARC architecture, the stack, bitwise operations, truth tables, logic gates.
- Software Tools & Techniques
  - Unix, Git, Vim/Emacs, Eclipse