JAIME LOVERA

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• Java • Python • Django • JavaScript • HTML • CSS • SQL •

Seeking to leverage my analytical skills and programming passion to join a team where I can continue to grow and help others grow through collaboration

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**
- Process proprietary data. Query data to fulfill custom client requests.

Mar 2018 – Feb 2019
Strategic Insight – **Data Analyst**
- Juggled various projects ranging from data entry to querying and managing data.
- Revamped quarterly quality assurance project. Rewrote SQL queries and improved efficiency by over 70%. Wrote Python script to automate part of the process. Cut time to completion in about half.

Jun 2016 – Jan 2018
UCSD Police Department – **Officer In Charge**
- Managed daily flow of Community Service Officer Program at UCSD

Programming Experience

Personal Projects
- 2048 Game (Java and Javascript implementations)
  - Java Test-Driven Development using JUnit framework and Eclipse IDE. Fully functional and playable through terminal inputs
  - Translated into Javascript in order to put it on my website. Mobile friendly
- Jaimelovera.com (deployed)
  - Purchased domain and small server to deploy my personal website
  - Developed using JavaScript, jQuery, Bootstrap, HTML, CSS
- Jaimelovera.com using Django Framework
  - Rebuilt my website using Django framework
  - Models, views, templates, admin, URLs, Querysets
- Calorie Tracker App
  - Implemented using Java and JavaFX
  - Ability to export generated data to an excel worksheet
- Concentration iOS App
  - Implemented using Model-View-Controller architectural pattern
  - Xcode IDE

UCSD Courses
- Introduction to Computer Science: Java
  - Designing 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
  - Git, Vim/Emacs, Linux