MOBILE
+1 (661) 246-6291

EMAIL
JACOB@JMESCO.COM

ADDRESS
9808 Grizzly St, 93311
Bakersfield CA

JACOB ESCOBEDO

GITHUB--

GITHUB.COM/JMESCO

WEBSITE---

JMESCO.COM

EDUCATION

CALIFORNIA STATE UNIVERSITY
Bakersfield CA

Bachelors of Science, Computer Science

Expected graduation May 2018.

TAFT COLLEGE
Taft CA

3.3 GPA, Cum Laude

CS RESEARCH EXPERIENCE

UNDERGRAD RESEARCH CALIFORNIA STATE UNIVERSITY
Bakersfield CA

- In Progress, to be completed Spring 2018

- Research in Machine Learning using Machine Learning techniques to categorize ultra-wideband sensor data

UNIVERSITY PROJECTS

SENIOR CAPSTONE

- Engineered data importation, and the exploration of creating a convolutional neural network to be embedded inside a genetic algorithm framework.

SOFTWARE ENGINEERING

- Forged a simple 2D side-scroller using C++ and openGL
- Utilized git version control in a team environment
- Implemented game features, state machine.

DATABASES

- Implemented a backend database system accompanied with a front end website
- Used PostgreSQL for backend development, and JSF for website design.
- Completed with a 150+ page documentation and explanation report.

DATA MINING

- Ongoing projects, using a variety of data mining techniques including decision trees, k-nearest neighbor, clustering, and more to come.

TECHNICAL ABILITY

PROGRAMMING LANGUAGES

C++, C, Java, Python, HTML/CSS, SQL, Postgres, LaTeX, LISP, MATLAB, JavaScript, XML, Prolog, NetBeans, TCP/IP, SCM, GIT, SVN, UML, Linux\Unix, Hibernate, JDBC, WildFly AS

RELEVANT COURSEWORK

- Artificial Intelligence
- Data Mining
- Compiler Design
- Software Engineering
- Computation Theory
- Databases

- Algorithm Analysis
- Data Structures
- Computer Networking
- Computer Architecture
- Assembly Language Programming
- Operating Systems