

# Jaime Miranda

*English(fluent) Spanish(fluent)*

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## Education:

**B.S. Computer Science**, San Diego State University, San Diego, CA

**Expected Graduation:** December 2018

**Relevant Courses:** Data Structures, Software Engineering, Algorithms Analysis, Software Internationalization, Database Theory and Implementation, Machine Learning

## Languages:

Python, Java, SQL, C, C++, C#, JavaScript, HTML, CSS, VB.NET, Bash, Lua, Haskell

## Tools:

Jupyter Notebook, Git, Tensorflow, Matplotlib, VSCode, Django, Flask, Visual Basic, .NET, AWS, XML, XQuartz, Xcode, Microsoft Office, BlueJay, Eclipse

## Projects:

**Natural Language Processing Spam Detector (July 2018)**

- Processed data from real-life Yelp dataset
- Implemented Naive-Bayes algorithm to achieve 91% precision rate

**Automated Irrigation System (Feb 2018-April 2018)**

- Created using Raspberry Pi 3 Model B
- Flask webserver to wirelessly communicate with device

**Digital Interface Kiosk for Restaurant (March 2018-May 2018)**

- Translated items into four languages (English, Spanish, Arabic, Chinese).
- Used other languages' traditional aspects to achieve highest level of accuracy with translations and visuals

## Work Experience:

**Student Assistant (August 2017-Present)**

SDSU Student Ability Success Center, San Diego, CA

- Authorized to handle confidential documents and given administrative access
- Given and completed projects that required the installation and implementation of various types of software on numerous department workstations
- Close Attention to detail required to achieve tasks effectively
- Worked on projects with IT department

**Health Enthusiast (May 2017-August 2017)**

The Vitamin Shoppe, La Mesa, CA

- Learned and implemented knowledge of health and fitness
- Widely used and improved soft skills
- Tasked to achieve end-of-day, weekly, and monthly goals

## Professional Affiliations:

**Member and Treasurer (Fall 2014-Present)**

Association for Computing Machinery (ACM)