

# Jaime Miranda

*English(fluent) Spanish(fluent)*

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## Education:

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

**Graduation Date:** December 2018

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

## Languages:

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

## Tools:

Postman, JMeter, BlazeMeter, Git, JIRA, TestRail, SQL Developer, Confluence, Tensorflow, DOORS, VSCode, Django, Jupyter Notebook, 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

### Inventory Management System (September 2018-December 2018) (Test Manager)

- Created using MVC/MVT architecture
- Performed various White/Black Box testing techniques to ensure quality
- Implemented Front-End/Back-End integration of entire database system

## Work Experience:

### Associate Software Development Engineer in Test (January 2019 - Present)

Cubic Corporation, San Diego, CA

- Designed and implemented test automation for complex integrated back-end services
- Designed and built test suites that ensured software is performant and scalable
- Worked with engineering teams to derive testing requirements throughout the development cycle
- Worked closely with software developers to create software artifacts including test plans, test cases, test procedures and test reports

### Student Assistant (November 2016-December 2018)

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
- Worked on projects with IT department

## Professional Affiliations:

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

Association for Computing Machinery (ACM)