

# Maria G. Espinoza

Fresno, CA • (559) 284-9538 • mgespinoza94@gmail.com • <https://github.com/espinozamaría>

---

## Objective

Recent college graduate eager to apply knowledge and gain experience through an internship or full-time position as a Web-Developer or Computer Engineer.

---

## Education

### California State University, Fresno

Bachelor's of Science in Computer Engineering, GPA: 3.00

Fresno, CA

May 2017

Minor: Mandarin Chinese Language

**Relevant Courses:** Operating Systems, Software Engineering, Computer Networks, Object Oriented Programming, Embedded Systems, Digital Signal Processing, Microprocessor Architecture and Programming

---

## Core Skills

**Languages:** C, C++, C#, MATLAB, Verilog HDL, L<sup>A</sup>T<sub>E</sub>X, Assembly Language, HTML & CSS

**Software and Operating Systems:** Windows OS, Linux, Visual Studio, Modelsim Altera and Quartus II, Atom

**Foreign Languages:** Spanish: Fluent, Chinese: Intermediate, German: Beginning

**Basic:** Hard-Working, Communication Skills, Eager to Learn, Open-minded, Friendly, Team-worker, Math, Science, Critical Thinking, FPGA, IoT, VLSI Design, MS Office

---

## Project Experience and Research

### Basic Company Web-page Layout

September 2017

Geekwise Course

- Designed a basic homepage using HTML & CSS, Bootstrap, and some Javascript.
- Implemented a homepage, contact page, and about page with customized Bootstrap-navbar.
- Added a carousel to the main homepage for presentation purposes.
- Configured a Bootstrap contact form for use on the Contact page, and added a GoogleMaps of company location.

### Facial Recognition Security System

August 2016 - May 2017

- Programmed a C# Internet of Things(IoT) application using Microsoft Visual Studio 2015 to unlock a door.
  - Employed extreme programming in a team of two to complete the project within the set time-frame.
  - Applied Microsoft Cognitive Services Face API to recognize and detect faces in the camera feed.
  - Utilized camera feed images to compare with a local database of users to determine if an authorized user was found.
  - Manipulated the GPIO pins on the Dragonboard 410C IoT device to unlock a fail-safe electric strike upon confirmation of authorized user's presence.
- 

## Employment

### Louis Stokes Alliance for Minority Participation - Peer Mentor

September 2014 - May 2017

California State University, Fresno, Foundation

Fresno, CA

- Mentored freshmen and transfer Computer and Electrical Engineering students.
  - Developed the agendas for bi-weekly meetings.
  - Conducted one-on-one mentoring sessions every other week.
  - Advised students about internship, conference, and on-campus opportunities.
- 

## Student Involvement

- IEEE Student Member
- Society of Women Engineers
- Louis Stokes Alliance for Minority Participation
- Society of Hispanic Professional Engineers
- Society of Asian Scientists and Engineers - Vice President, Event Coordinator