

Luis Gardea

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EDUCATION

STANFORD UNIVERSITY | B.S. IN COMPUTER SCIENCE CANDIDATE, CLASS OF 2017

Sep 2013 - Present | Stanford, CA

- GPA - 3.64

EXPERIENCE

QUALCOMM | SOFTWARE ENGINEERING INTERN

June 2015 – Sept 2015 | San Diego, CA

- Designed and implemented an auto-triage tool to be utilized for debugging the Management Layer 1 in LTE Modems. The tool determines the module or modules responsible for a deadlock crash that occurs in LTE Modems and returns information that may be useful. Code will be put into production and distributed to millions of phones using Qualcomm LTE Modems.
- All code for the tool was written in C and code for testing was written in C++

EL PASO ELECTRIC COMPANY | INFORMATION TECHNOLOGY INTERN

June 2014 – Aug 2014 | El Paso, TX

- Administered IT Operations on company intranet, particularly dealing with cyber-security. Aided with the installation of encryption software on employee computers. Actively participated on company computer refresh project. Created several logos that were utilized as icons for company software, using Adobe Illustrator

AMERICAN CHEMICAL SOCIETY/UTEP | CHEMISTRY RESEARCH INTERN

June 2011 - Aug 2012 | El Paso, TX

- Conducted chemistry research in organic photovoltaics and presented findings at two symposia over two summers at the University of Texas at El Paso. Obtained mentorship from highly published post-doctoral research manager and gained skills in the utilization of advanced chemical equipment during the course of 640 hours

COURSEWORK

COMPUTER SCIENCE

- Have taken courses in computer systems, organization, C programming and x86 architecture (**CS 107**), implementation of larger systems, threading, and networks (**CS 110**), computer science probability and math (**CS 109**, **CS 103**), web applications (**CS 142**), design and analysis of algorithms (**CS 161**), and (**CS 205A**), which teaches mathematical methods in computer vision, graphics, and robotics. I also just finished Machine Learning (**CS 229**), Artificial Intelligence (**CS 221**) as well as Introduction to Computer Graphics (**CS 148**)

OTHER

- Have taken classes such as: Linear Algebra (**Math 51**), Applied Matrix Theory (**Math 104**), Mechanics and E&M (**Physics 41** and **43**), and ODEs for Engineers (**CME 102**)

ADDITIONAL INFORMATION

PROGRAMMING

Experience in C/C++, Python, Ruby (Rails), JavaScript, HTML, CSS, \LaTeX
 Some exposure to Java, MATLAB, Swift

ADDITIONAL INFORMATION

Currently taking on the project of building my own guitar

I love listening to and playing music

I thoroughly enjoy playing video games

Fluent, with native speaking and writing proficiency, in both English and Spanish