

Luis Gardea

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 School Address: 531 Lasuen Mall #13207, Stanford, CA 94305

EDUCATION

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

Sep 2013 - Present | Stanford, CA

- GPA - 3.65

EXPERIENCE

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

TERMAN ENGINEERING LIBRARY | STUDENT WORKER

Jan 2014 - Present | Stanford, CA

- Provided assistance in the exchange of information and software for students in the engineering field. Promoted and improved teamwork, as well as further development of interpersonal skills

UTEP/AMERICAN CHEMICAL SOCIETY | 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. 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

RELEVANT COURSEWORK

COMPUTER SCIENCE

- Have taken courses in programming methodology and abstractions (**CS 106A** and **CS 106B**), computer systems, organization, C programming and x86 architecture (**CS 107**), implementation of larger systems, threading, and networks (**CS 110**), computer science probability (**CS 109**), mathematical foundations of computing (**CS 103**), and web applications (**CS 142**).
- Currently enrolled in (**CS 161**), which focuses on the design and analysis of algorithms and (**CS 205A**), which deals with the mathematical methods in computer vision, graphics, and robotics, as well as numerical analysis.

OTHER

- Have taken classes such as: Linear Algebra and Differential Calculus of Several Variables (**Math 51**), Applied Matrix Theory (**Math 104**), Mechanics and Electricity & Magnetism (**Physics 41** and **43**), and Ordinary Differential Equations for Engineers (**CME 102**)

ADDITIONAL INFORMATION

PROGRAMMING

Experience in C/C++, Ruby (Rails), JavaScript, HTML, CSS, \LaTeX

Some exposure to Java, Python, MATLAB, Swift

WRITING

Experience in writing and editing academic papers, grant proposals, and research papers

LANGUAGE

Fluent with native speaking and writing proficiency in English and Spanish

ADDITIONAL INFORMATION

I love listening to music and playing the guitar

I thoroughly enjoy playing video games