

Jesus Ortiz Tovar

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EDUCATION

Bachelor of Science in Computer Science

Minor in Atmospheric and Oceanic Sciences

University of Colorado Boulder

Major GPA: 3.4 | Cumulative GPA: 3.1

Boulder, CO

Graduation: May 2017

Study Abroad Global Seminar Participant | Xi'an Jiaotong University

- 3-Week intensive study of China's history, traditions, politics, and religion by visiting historic areas, temples, and palaces.

- Completed basic Mandarin course and Chinese literature course.

Xi'an, Shaanxi, China

May 2016

TECHNICAL SKILLS

Programming languages: Python, C++, C, HTML/CSS, PHP, JavaScript, MATLAB, R

Operating systems: Windows, Mac OSX, Ubuntu

Software: GitHub, Pivotal Tracker, IntelliJ IDEA, Geany, FileMaker Pro 13, WordPress

Design: Adobe Photoshop CS6 and Adobe Illustrator CS6

Languages: Spanish Native Speaker, English

PROGRAMMING EXPERIENCE

Web Developer | Student Academic Success Center, University of Colorado Boulder

- Implemented a FileMaker PHP solution for student workers to access payroll timesheets electronically through an online interface

- Eliminated the need for students to use a department computer connected to the local server in order to submit timesheets

Boulder, CO

December 2015 – Present

UI Lead | The University of Colorado App

- Designed mobile application for CU Boulder students and visitors to easily find the resources they need, instead of navigating multiple webpages to find campus building information or dining locations, they can find everything they need in one place

- Worked in a group with four other HCI students, focused on applying the user centered design process and methodologies

- Recipient of the University of Colorado Undergraduate Research Opportunities Program Grant for Summer 2016

Boulder, CO

August 2015 – August 2016

LEADERSHIP EXPERIENCE

Course Assistant | Computer Science Department at CU Boulder Engineering

- Assisting CSCI 1300 Introduction to Programming students to increase comprehension of topics presented within the course as well as Python/C++ programming help on assignments

- Giving feedback to course instructors to improve class structure and assignments

Boulder, CO

August 2014 – December 2015

Webmaster | CU Boulder Society of Hispanic Professional Engineers/Latinos in Science

- Organized and planned chapter events with student officers

- Redesigned the group website to make it easier to read on any device using WordPress

- Created promotional material to advertise chapter meetings and community events

Boulder, CO

August 2013 – May 2016

AWARDS

CU Boulder ITLL Design Expo First Place Award

- For my freshman engineering projects course I worked with a team of four people and wrote a program in Arduino for bicycle that increased biker safety at night with LED lights, was self-powered and was simple to use

Boulder, CO

Fall, 2013

NACME Scholar

- Scholarship program for minorities in engineering who excel in their engineering education

Boulder, CO

August 2016