

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: 3.5 | Cumulative GPA: 3.3

Boulder, CO

Graduation: May 2017

Study Abroad Global Seminar Participant | Jiao Tong University

• 3-Week intensive study of China's history, traditions, politics, and religions by traveling to historic areas throughout the region.

Xi'an, Shaanxi, China

May 2016

TECHNICAL SKILLS

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

Web Frameworks: Bootstrap 2, Materialize, AngularJS

Project Management: GitHub, Pivotal Tracker, Slack, Trello

Design: Adobe Photoshop CS6 and Adobe Illustrator CS6

Languages: Spanish Native Speaker, English

RELEVANT EXPERIENCE

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

- Implemented a web solution using the FileMaker PHP API for student employees to access payroll timesheets electronically, to minimize costs on individual desktop software licenses
- Eliminated the need for students to use a department computer connected to the local server to submit timesheets

Boulder, CO

December 2015 – Present

UI/UX Lead | Senior Capstone Project, University of Colorado Boulder

- Developing an algorithm that will be used to match students to capstone projects based on their preferences, skills and other specified factors
- Designing and developing user interface to meet the needs of instructors and students, compliant with web and accessibility standards

Boulder, CO

August 2016- Present

Research Assistant | Superhuman Computing Lab, University of Colorado Boulder

- Explored different ways 3D printers can be used in real time with tabletop games with a computer science professor and graduate student
- Organized and planned a user study to better understand the way people perceive 3D printing, as well to better understand the elements of tabletop games improved or augmented with the help of 3D fabrication
- Wrote sections of a research paper that was submitted to ACM CHI 2017

Boulder, CO

August 2016 - Present

LEADERSHIP EXPERIENCE

Course Assistant | Computer Science Department, University of Colorado Boulder

- 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
- Gave 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

NACME Scholar

- Scholarship program for minorities in engineering who excel in their engineering education and are an active member in their community.

Boulder, CO

August 2016- Present