

Christian Ramiro

github.com/chrisramiro

EDUCATION

University of California, Berkeley

Berkeley, CA | August 2015 - May 2019

Cumulative GPA: 3.875

Intended Majors:

Computer Science, B.A.

Cognitive Science, B.A.

Relevant Past Coursework:

Calculus, Linear Algebra

Data Structures & Programming Methodology

Relevant Current Coursework:

Discrete Math, Machine Structures

EXPERIENCE

Research Assistant, Language and Cognition Lab

Berkeley, CA | February 2016 - Present

Parsed large corpus data and programmed various word & language models for research in cognitive linguistics

Web Developer | Event Planner, Pioneers in Engineering

Berkeley, CA | Sep 2015 - Present

Re-designed and programmed organization website in team

Planned robotics competition-related events for 300+ students

Programmer, Woodbridge High Robotics

Irvine, CA | May 2014 - May 2015

Programmed Lego NXT/EV3 in competitions using RobotC

PROJECTS

HTE Reader, Parser, and Analysis

Language and Cognition Lab | February 2016 - Present

Analyzed data from The Historical Thesaurus of English in order to determine how word evolution occurs

Created a web-scraping tool using BeautifulSoup and openpyxl Python libraries

Constructed statistical tests and plots from SciPy and matplotlib libraries to analyze linguistics models

Organization Website (<https://pioneers.berkeley.edu>)

Pioneers in Engineering | September 2015 - Present

Applied Bootstrap and Jekyll in a team setting in order to revamp organization website

Currently working on Organization Projects node map using the vis.js library

BearMaps

UC Berkeley | July - August 2016

Parsed .OSM data and several thousand .png files to emulate Google Maps for the Berkeley area

Utilized data structures like Tries, Quadrees, and Graph Nodes to accomplish routing and autocomplete

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SKILLS

Programming

Proficient in | Python, Java, HTML/CSS

Familiar with | JavaScript, Scheme, SQL

Technologies

Proficient in | Adobe Photoshop, LaTeX, Bootstrap, Jekyll, SciPy Stack, Git, Google Productivity Suite, MS Word/Powerpoint/Excel

Editors/IDEs | Atom, IntelliJ, PyCharm, Eclipse, Brackets

Language

Spanish - Reading, Writing, Speaking

Tagalog (Native) - Reading, Speaking

CERTIFICATION

CITI Program, UC Berkeley, 2016

Certification for Social & Behavioral Research with Human Subjects

AWARDS

Dean's Honors List, December 2015

Awarded to top 4% of undergraduates in the College of Letters & Sciences

MUC Robotics Competition, May 2015

4th place in Mini-Urban Robotics Challenge Nationals (Tampa, FL)