

# Jasmin Cornejo

Jcornejo3@csustan.edu • (209) 251-8999 • Turlock, CA

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## EDUCATION

**California State University, Stanislaus (Turlock, CA)**

**Bachelor of Science: Computer Science (Anticipated May 2021)**

**GPA: 3.55**

## SKILLS

**Programming Languages:** Python, Java, HTML5, CSS

**Tools:** Git, AWS, Google APIs, Sci-Kit learn, WEKA

**Collaboration:** Ability to work in diverse multi-faceted teams

**Communication:** Excellent oral and written communication ability; Bilingual English/Spanish

## PRESENTATIONS

**19<sup>th</sup> Annual Honors Capstone Conference**, CSU Stanislaus, April 25, 2020

Presented Research titled “Predicting Student Success to Ensure Equity for all Students”

**Intro to Python Workshop**, Computer Science Club CSU Stanislaus, October 2, 2019

Presented to CSU Stanislaus student the basics of python which included data structure, functions, and syntax.

**18<sup>th</sup> Annual Honors Capstone Conference**, CSU Stanislaus”, May 4, 2019

Presented Proposal Poster titled “Predicting Student Success to Ensure Equity for all Students”

**Microsoft Azure Workshop**, Computer Science Club CSU Stanislaus, April 11, 2019

Led CSU Stanislaus students through an interactive activity where they uploaded videos to Microsoft Azure’s VideoIndexer.ai tool. This tool transcribes, analyzes, and categorizes videos. Then, participants used the VideoIndexer API to retrieve their videos from a web app.

## ACADEMIC JOBS

**LSAMP Research Intern**, CSU Stanislaus, Turlock, CA

August 2020– Ongoing

*Continuing REU research on GUI for annotating atomic lattices of electron microscopy images*

- Implementing machine learning techniques using Python Atomap
- Drafting IRB proposal

**REU Internship Intelligent and Scalable Systems**, Lehigh University, Bethlehem, PA May 2020 – July 2020

*Using Tkinter a Python Library to create a Graphic User Interface for annotating atomic lattices of electron microscopy images.*

- Conducted research paper review and summary
- Created GUI
- Collaborative research

**McNair Summer Research Intern**, CSU Stanislaus, Turlock, CA

June 2019 – August 2019

Summer Research, McNair Scholars Program Summer Research - *Using machine learning algorithms to create predictive models that may explain relationships between demographic and income, or any other attributes associated with the data set.*

- Planned proposal that was approved
- Planned research schedule that was approved
- Researched independently

**Honors Student Assistant**, CSU Stanislaus, Turlock, CA

August 2019 – Current

- Maintain ongoing updating of University Honors webpage
- Manage filing system for records including expense reports, access cards, and backup documentation
- Record customer inquiries and forward to appropriate persons
- Greeting clients and visitors as needed.
- Updating paperwork, maintaining documents and word processing.
- Helping organize and maintain office common areas. •Performing general office clerk duties and errands.
- Organizing travel request and reservations as needed •Coordinating events as necessary.

**Student Ambassador**, Cosumnes River College, Sacramento, CA

August 2017 – June 2018

- Liaised between the university and prospective students and parents during tours and student visit days.
- Directed daily tours of the campus for prospective students and families.
- Coached students on strategies for engaging in campus life and checked in frequently to satisfy diverse needs.
- Routed correspondence filed paperwork and responded to requests for information.

## CONFERENCES

Attended **Great Minds in STEM (GMIS)**, *Virtually held due to COVID, October 5-9, 2020*

Attended **ACM Richard Tapia Celebration of Diversity in Computing**, *San Diego, CA, September 18-21, 2019*

Attended **SAEOPP McNair/SSS Research Conference**, *Atlanta, Georgia, June 27-29, 2019*

## INVOLVEMENT

**Computing Alliance of Hispanic-Serving Institutions (CAHSI) Scholar**, *CSU Stanislaus, Fall 2020 to present*

- To be considered as a CAHSI Scholar, one should demonstrate excellence in four core areas: professional development, scholarly achievements, community outreach, and co-curricular or extracurricular activities

**Louis Stokes Alliances for Minority Participation (LSAMP)**, *CSU Stanislaus, Spring 2019 to present*

- The CSU-LSAMP Program is a comprehensive, statewide program dedicated to increasing the number of students from underrepresented minority groups (URM) graduating from campuses of the California State University (CSU) with baccalaureate degrees in science, technology, engineering, and mathematics (STEM) disciplines.

**Board Member**, *Computer Science Club, CSU Stanislaus, Spring 2019*

- Helped coordinate and facilitate the First Hack-a-Thon of CSU Stanislaus

**Event coordinator**, *Computer Science Club, CSU Stanislaus, Fall 2019 to present*

- Organize events/workshops • promote workshops/events • make reservations for club events

**Honors Student**, *The University Honors Program, CSU Stanislaus, Fall 2018 to present*

- Attend specified honors courses • Maintain a overall GPA above a 3.0 • Present research at annual Honors Capstone Conference

**McNair Scholar**, *The University Honors Program, CSU Stanislaus, Fall 2018 to present*

- Prepare a research project proposal • Maintain an overall GPA about a 3.0 • Do the proposed summer research project • Present a poster on proposed research topic

**Mathematics Engineering & Science Alliance (MESA)**, *Cosumnes River College, Sacramento, CA, Summer 2017 to Spring 2018*

- MESA Community College Program (MCCP) helps prepare underrepresented students in obtaining a calculus-based four-year degree in areas such as engineering, the sciences, computer science, and mathematics.

## ACHIEVEMENTS

**Research Proposal Approved**, *McNair Scholars Program, Spring 2019*

**Received Stipend for Summer Research**, *McNair Scholars Program, Spring 2019*

**Dean's list**, *CSU Stanislaus, Fall 2018 /Spring 2019/ Fall 2019/Spring 2020*

**Received Highest Honors**, *Cosumnes River College, Spring 2017/Spring 2018*

## RESEARCH INTEREST

Data Analytics, Machine Learning, Robotics, AI