Ashley Gonzalez Perez

Los Angeles, CA · agonzalezperez@ucmerced.edu · (323) 557-9616 · linkedin.com/in/ashley

EDUCATION

University of California, Merced   **Expected Graduation:** 2024   **GPA:** 3.2
Major: B.S. Computer Science & Engineering | *Minor*: Management and Business Economics
Honors/Affiliations: College Track Scholar (Boyle Heights), Honor of LAunchPad college of ECST (Summer 2019)

WORK EXPERIENCE

Cognitive Science Department - Merced, CA
Research Assistant   Feb 2023 - Present
- Assist with the operation and maintenance of robotic recording equipment
- Analyze visual cues and converting it into usable data
- Manage various projects such as eye tracking, human behavior & bilingual language interaction

Phone & Computer Repair - Los Angeles, CA
Self-Employed   Aug 2020 - Present
- Replace damaged screens and components, ensuring precision and attention to details
- Conduct thorough testing and quality assurance to guarantee optimal performance post-repair
- Manage multiple repair projects simultaneously, demonstrating strong multitasking abilities

CITRIS and the Banatao Institute - Remote
Internship   May 2023 - Aug 2023
- Conducted an in-depth research study on wildfires in the USA, contributing valuable insight to the field
- Developing a data schema for wildfires using Python, enabling multiple applications and enhancing data usability
- Applied advanced analytical techniques to extract patterns and informed decision-making in wildfire management

Volunteer of America - Los Angeles, CA
Assistance clerk   Jul 2020 - Nov 2020
- Efficiently managed inventory, ensuring accuracy and organization for smooth operations
- Provided valuable support in various administrative tasks, contributing to the overall efficiency of daily operations
- Oversaw the donation room, maintaining an organized and welcoming environment for donors and recipients

PROJECTS

Software Development Projects (Various Projects)   Aug 2022 - Present
- Exhibit strong problem-solving skills with a focus on time complexity, sorting algorithms, and data structures like binary trees
- Successfully implement advance algorithms, including dynamic programming, greedy algorithms, and graph problems
- Apply theoretical knowledge in practical computing scenarios
- Analyze complex computing problems, designed effective solutions, and collaborated seamlessly within team environments

LEADERSHIP & VOLUNTEER EXPERIENCE

2023 National Science Bowl - Fresno, CA
SHPE Fresno Profesional Chapter and Fresno State MESA   Feb 2023
- Played a key role in setting up the event, ensuring its smooth execution
- Managing the competition, by oversing logistical aspects and ensuring a successful outcome

SHPE Board Member (Society of Hispanic Professional Engineers) - Merced, CA   Sep 2021 - Aug 2023
Female Representative & Fundraiser Chair
- Manage a team of student in order to organizing impactful fundraisers and committee events for the club
- Brainstormed the creation and plans of diverse events, fostering a vibrant and inclusive community within the organization

Expanding your horizons (Society Of Women Engineers UCM) - Merced, CA
Teacher Assistant   Mar 2022
- Demonstrated strong leadership by effectively managing and instructing middle schools students during the workshop
- Focused on empowering the next generation through engaging activities, fostering interest and enthusiasm in STEM

SKILLS
- Languages: English and Spanish (Conversational and written | Proficient)
- Technical: Microsoft Office Suite (Excel, Word, PowerPoint), Google Suite (Sheets, Docs, Presentations), HTML, Tinkercad, Python, C++, 3D Printers (Proficient)
- License & Certifications: IBM Accelerate - Software Developer