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Education
University of California, San Diego | 09/2019 - 03/2022
· Bachelor of Science in Mathematics-Computer Science
· Relevant coursework: Advanced Data Structures, Theory of Computation

Transfer Program UCSD | Southwestern College | 08/2017 - 07/2019
· Major: Computer Science (3.65 GPA)
· A.S. Computer Science, A.S. Mathematics, A.A Liberal Arts Mathematics and Science
· Member of Mathematics- Engineering-Science-Achievement (MESA) program

Experience
Student Worker | Information Tech (Asset and Help Desk) | SD District Attorney's Office | 01/2019 - 02/2020
· Representative and liaison between department and the information technology (IT) service provider in order to provide effective support for network services and information technology business processes troubleshooted, analyzed and resolved system/application related support requests, including specialties such as Help Desk or Web.
Student Worker | Human Resources (Payroll) | SD District Attorney's Office | 06/2018 - 01/2019
· Performs information gathering, research, analysis, and report generation on human resources topics.
· Assists and answers human resources related questions from County departments and employees.
Student Worker | Community Relations Director Assistant | SD District Attorney's Office | 05/2017 - 06/2018
· Support and improve the relations with Tribal Communities.
· Educate the community by creating presentations regarding public safety topics.

Projects
Prediction Model | Machine Learning in Python
· Built a program in Python code that found the relationship between objects which are used to create a prediction using Machine Learning and Linear Regression.
. This algorithm is used by companies to forecast an outcome based on previous results and characteristics that each variable has.

Loan Simulator | Object Oriented Programming in Java
. Created a program that stored general data of a credit card, such as Annual Percentage Rate, Maximum amount of money available in a card, payments and day that the payment was done.
. With the data received we were able to compile a program that showed the amount of the payment that was going to the principal and the interest.

Skills & Abilities
· Bilingual: Fluent in Spanish and English
. Coding experience: 1 year in Java, 2 years in Python/SageMath, 1 year in C++.

Certifications
iLead Program | UCSD | 12/2019 - 06/2020
· Leadership: Attended workshops covering various aspects of the Social Change Model of Leadership and defined leadership style to promote personal, academic, and professional development.
Certificate of Achievement - Computer Science & Mathematics | SWC | 07/2019
· Completed computer information systems and computer literacy course program.