Ricardo Granados Hernandez

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Education

University of California, Irvine   Bachelor of Science in Computer Science
Expected Graduation: May 2025

Orange Coast College   Associates of Science in Computer Science
GPA: **4.0 / 4.00**   Graduation: May 2023

Relevant Skills: (*Proficient***)**: C++, Python, Java   (*Familiar*): HTML, CSS, Javascript

Relevant Coursework: Data Structures & Algorithms, Discrete Structures, Computer Architecture, C++ 1 & 2, Java, Calculus 1 & 2

Research Experience

- ***Undergraduate Researcher***   ***Cal State University, Fullerton*** *June 2022– August 2022*
  - Programmed an American Sign Language number (0-9) categorizer using convolutional neural networks
  - Studied and learned about other types of classification machine learning models: (SVM, KNN, decision tree, random forest)
  - Visualized model and data using graphs (matplotlib, seaborn)
  - Recognized patterns, fine tuned model, cleaned data

Intern Experience

- ***Computer Science Intern***   ***NASA/CaSGC Space Grant***   *May 2021– August 2021*
  - Collaborated with engineering and CS students
  - Used Arduino to develop an autonomous rover
  - Worked with arduino platform, breadboards, circuits, sensors
  - Programmed rover to avoid obstacles
  - Developed companion app to send temperature, coordinates, and pictures to user