

# HUGO XAVIER D SOUZA

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## EDUCATION

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<b>Costa Mesa, CA</b>	<b>Orange Coast College</b>	<b>Expected May 2023</b>
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Major in Computer Science

- In-major GPA: 3.95
- Undergraduate Coursework: Java 1; C++ 1; C++ 2; Data Structures Calculus Honors I and II & Calculus 3; Math Intro Linear Alg & Diff Eq; Phys 185H & Phys 280, 285
- Member of Phi Theta Kappa Honor Society

## TECHNICAL EXPERIENCE

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### Projects

- **NASA California Space Grant Consortium (2021).** The Lunar Lava Tube Exploration challenges teams to explore a lunar lava tube with an eye toward its potential for human habitation. The overall challenge is building a rover and developing programs that allow the rover to navigate the challenge course, a model lunar lava tube. Arduino, Arduino kit
- **Donor List (2021).** My group created a project about a list of donations in C++. The project consists of storing information about donors, such as name, age and amount donated, thus printing the information that the user requested

### Additional Experience and Awards

- **Occ Honors Program**

**Computer Science Languages:** C++ (Intermediate); Python (Beginner); Java (Beginner); HTML (Beginner); CSS (Beginner); Arduino (Beginner)

**Skills:** Problem Solving (Intermediate), Team Work (Intermediate), Communication (Intermediate)

**Languages:** Portuguese (Experienced); English (Experienced); Spanish (Intermediate)

## EMPLOYMENT/EXPERIENCE

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<b>TENNIS ASSISTANT</b>	<b>CLUBE PITANGUEIRAS</b>	<b>2018</b>
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I helped my coach teach a group of 10 children from a community to play tennis.

<b>MENTOR</b>	<b>REGENCY YOUNG SCHOLAR SCIENCE PROGRAM</b>	<b>2022</b>
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I WAS RESPONSIBLE FOR TEACHING PHYSICS THROUGH EXPERIMENTS TO LOW-INCOME CHILDREN.

<b>VOLUNTEER PEER NOTETAKER</b>	<b>DISABLED STUDENT PROGRAMS &amp; SERVICES (DSPS)</b>	<b>2022</b>
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I WAS IN CHARGE OF TAKING NOTES IN CLASS AND THEN SENDING MY NOTES TO DISABLED STUDENT PROGRAMS & SERVICES (DSPS).

