

# David Alexander Jordan

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## EDUCATION

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**Rochester Institute of Technology | Rochester, NY**

**MS in Computer Science**

**Expected December 2026**

**University of California Riverside | Riverside, CA**

**B.S. in Applied Mathematics | Minor in Computer Science**

**June 2024**

**Relevant Coursework:** Intro to AI, Software Construction, Intermediate Data Structures & Algorithms, Operating Systems Design, Web Development, Discrete Structures, Intro to Software Engineering, Machine & Organization Assembly, Java, C++, Python

**MiraCosta College | Oceanside, CA**

**A.A. in Software Development**

**May 2023**

**Certificate of Achievement: Computer Programming Fundamentals with Highest Honors**

**December 2022**

## CERTIFICATIONS

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**Apple App Development with Swift Certified User**

**August 2022**

## TECHNICAL SKILLS

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**Programming Languages:** Java (Advanced), Python (Intermediate), C++ (Advanced), Swift (Beginner) HTML, MATLAB

## PROFESSIONAL EXPERIENCE

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**Prime Time Tutor | Riverside Unified School District | Riverside, CA**

**May 2023 - Present**

- Provide academic support and individualized tutoring to 35-40 underserved middle school students.
- Monitor students' progress and maintain accurate records of attendance and participation.
- Assist with program planning, coordination and implementation of events and activities.

**Python Instructor | University of California Riverside | Riverside, CA**

**June 2023**

- Served as a facilitator for a one-week Python coding camp designed for 25 middle school students.
- Together with a dedicated team of UCR STEM students, we actively delivered engaging Python programming lessons.
- Guided students through hands-on coding exercises, focused on building their foundational programming knowledge and problem-solving skills.

**Youth Development Professional | The Boys and Girls Club | Murrieta, CA**

**July 2021 – September 2021**

- Led a daily group of 8-12 elementary and teen-aged club members in a camp setting, prioritizing their safety, participation, and engagement in diverse activities and learning opportunities.
- Partnered with camp staff to tailor support for each camper's individual needs and interests, fostering a more enriching and inclusive camp experience while promoting active involvement in program activities.

## LEADERSHIP

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**Project Lead | Society of Hispanic Engineers | University of California Riverside**

**Summer 2020**

- Guided a multidisciplinary team through all phases of website development, from initial planning and design to implementation and launch, ensuring timely delivery and alignment with project objectives.
- Fostered a collaborative and innovative environment, encouraging team members to share ideas, address challenges proactively, and continuously improve processes to enhance website functionality and user experience.

## VOLUNTEER EXPERIENCE

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**Volunteer | Tower Bridge International | Murrieta, CA**

**Summer 2017-2019**

- Volunteered at a STEM camp for 5<sup>th</sup> through 8<sup>th</sup> grade foreign exchange students.
- Supported instructional staff by aiding in the implementation of arts and science classes, providing students with an understanding of the American educational system and its learning methods, while assisting the teacher with classroom management and fostering student engagement.