

# David Cuen

(562) 569-9076 • Long Beach, CA • dccuen@gmail.com

## EDUCATION

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**University of California, Irvine** | Bachelor of Science in Computer Science Graduation – Spring 2023  
• Currently holding a 3.4 GPA and specializing in Systems and Software

**Long Beach City College** | Certificate of Transfer in Mathematics Transferred – Spring 2021

## PROJECTS

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**Othello AI** (C++ 17)

Developed an Othello AI to play against other AI or Players. Follows a breadth-first search model in which the algorithm predicts all subsequent moves and calculates the most likely move dependent on how many pieces are won/lost.

**Simple GPS System** (C++ 17)

Created a simple program that takes in a strongly-connected directed graph, a start position, and an end position. It then outputs the shortest/quickest path using Dijkstra's algorithm.

## EXPERIENCE

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**Community Assistant** June 2022 - June 2023 (Expected)

American Campus Communities Vista del Campo Norte | Irvine, CA

- Directly oversee 60+ residents and serve the total community through event planning and working the front office via regular collaboration with 22 other Assistants.
- Created a positive relationship with residents, regularly offered tours around the community, and provided leasing/general housing information.

**Worker/Bookkeeper** June 2017 - Present

Cuen Construction | Long Beach, CA

- On call as a Contractor's Assistant. Create and Manage 10-15 Invoices/Estimates on a monthly basis. Manage employee logs for about 5-7 employees at a time.
- Minor experience in carpentry, plumbing, and tiling.

## EXTRACURRICULARS / AWARDS

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**Honor Roll** | UCI & LBCC (2017-2022)

- Certificate of recognition for a 3.0+ GPA

**Society of Hispanic Professional Engineers** | UCI (2021-2022)

- Growth in STEM related skills & Leadership

## SKILLS

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### Programming Languages

- Proficient in: C++
- Currently exploring: Python, JavaScript, HTML/CSS

### General Skills

- Bilingual, fluent in both Spanish and English
- Microsoft Office (Word, Excel, Powerpoint, etc), Adobe Creative Apps
- Text Editors/IDEs: Xcode, Visual Studio Code, PyCharm