

Abner Espinoza

Software Developer

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📍 Los Angeles, California

EDUCATION

B.S. in Computer Science

University of California - Irvine

📅 2018 - Ongoing

- Dean's Honor List (Fall '18 — Spring '20)
- Member of both AI@UCI and ACM@UCI.

GPA

4.0 / 4.0

EXPERIENCE

Autonomous Systems Intern

Base 11

📅 2019 - 2020 📍 Irvine, California

Base 11 partners with industry and academia to launch technology in data analytics, autonomous systems, and advanced manufacturing.

- Used Python and the SunFounder API to implement a form of computer vision and basic autonomy in drones and compact cars.
- Developed a User Interface (UI) that displayed crucial diagnostic information real-time for autonomous compact cars.
- Worked closely with project managers to collect requirements and ensure project quality.

Debate Finalist

Pacific Southwest Collegiate Forensics Association (PSCFA)

📅 03/2019 📍 Los Angeles, California

PSCFA organizes inter-collegiate debates in the Pacific Southwest area.

- Debated various robust topics and placed second in a tournament involving tens of colleges and hundreds of students.

TECHNICAL SKILLS

Python



C++



Java



HTML & CSS



Javascript



PROJECTS

Pathfinding Visualizer

🔗 <https://github.com/abner-espinoza/Pathfinding-Visualizer>

- Developed a Python application to allow users to visualize and interact with the A* Search Algorithm.

Sudoku Solver

🔗 <https://github.com/abner-espinoza/Sudoku-Solver>

- Developed a User Interface (UI) in Python to play Sudoku. Implemented a solver feature using a backtracking algorithm to find a solution to any solvable game.

Personal Website

🔗 abner-espinoza.github.io

- Developed an intractable personal website displaying my contact information and resume with HTML, CSS, and Javascript.

LANGUAGES

English

Proficient

Spanish

Proficient

STRENGTHS



Reliability and Consistency



Cross-Cultural Leadership