# **Abner Espinoza**

### **Software Developer**

**(323) 213-6730** 

@ abnere@uci.edu

**V** 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.

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# **EXPERIENCE**

## **Autonomous Systems Intern**

Base 11

**#** 2019 - 2020 

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.

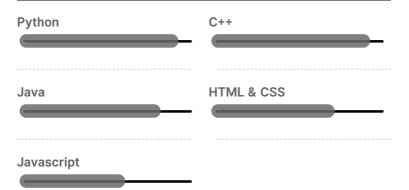
### **Debate Finalist**

Pacific Southwest Collegiate Forensics Association (PSCFA)

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**



## **PROJECTS**

### Pathfinding Visualizer

- https://github.com/abner-espinoza/Pathfinding-Vi
- 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

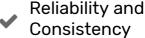
% abner-espinoza.github.io

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

# LANGUAGES

English	Proficient
Spanish	Proficient

# STRENGTHS





Cross-Cultural Leadership