

# Oscar Castaneda

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## SUMMARY

Highly motivated Computer Science Graduate from California State University - Fullerton with a focus in Security eager to offer critical thinking and problem solving skills. With 4 years of experience in an academic setting as a tutor and 2 years experience supporting the supervision of tutors within the Computer Science department not only be able to problem solve independently, but also able to work as part of a team to further our success in whatever challenges may arise.

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## SKILLS

**Languages:** C++, Python, C#, Java, MySQL / SQLite

**OS:** Windows, Linux, MacOS

**Networking Tools:** Nmap, Wireshark, GNS3, Burp Suite, Kali Linux

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## EDUCATION

### Certificate of Achievement: Automotive Chassis Specialist

Saddleback College • Mission Viejo, CA • 2014

### Bachelor of Science in Computer Science

California State University - Fullerton • Fullerton, CA • 2020 • 3.27 GPA

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## EXPERIENCE

### Lab Aide (Tutor)

Saddleback College - Department Of Computer Science

May 2016 - July 2018, Mission Viejo, CA

- Assist students with learning and improving their coding skills in C++, Java, Machine Language, and Assembly.
- Collaborated with students to assist with homework assignments, identify lagging skills and provide assistance with specific questions.
- Motivated students towards learning and studying to build self-confidence and reduce anxiety of failure with coding.

### Lab Lead

Saddleback College - Department Of Computer Science

May 2017 - July 2018, Mission Viejo, CA

- Supported Computer Science Department with the supervision and managing of 16 lab aides/tutors (12 paid, 4 volunteer).
- Created and managed work schedule for paid lab aides/tutors to work within the departments budget.

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## PROJECTS

### Website Portfolio

May 2020

- Personal web portfolio to showcase projects
- Built using HTML5, CSS, JavaScript, Jekyll
- Hosted on Vercel
- <https://www.oscarcastaneda.com>

### Python Worm

December 2020

- Python Worm developed in my Network Security course as a way to gauge understanding of fundamental network security knowledge
- Used an array of different tools (e.g. GNS3, Kali Linux, Python, WireShark, Nmap, SearchSploit)
- Build and setup isolated network for testing
- <https://github.com/ocastaneda3/python-worm>

### RockAuto API

December 2020

- Personal project inspired by my interest in cars
- Python API that returns car parts from different manufactures found on RockAuto website

- Built using FastAPI
- [https://github.com/ocastaneda3/rockauto\\_api](https://github.com/ocastaneda3/rockauto_api)