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|  | **Oscar Lopez** |  |
| [**www.linkedin.com/in/oscar-lopez-dev/**](https://www.linkedin.com/in/oscar-lopez-dev/) | Lopez2116@csusm.edu | 760-492-5474 |

**Experience**

1. **Enrichment Coach | 06/22-09/22**

**Treobytes**

Helped Students k-12 understand basic circuitry and basic drone programming with code blocks,

including python for more advanced projects, also set up laptops with necessary software and

programs to continue projects.

1. **Summer Intern | 03/21-07/21**

**UC San Diego**

Intern for 2021 Summer Stemulate Program, helped several non-profit organizations that helped

kids with stem related projects during their Stemulate Summer program, responsibilities included

hand on projects with circuitry and physics and basic coding in python and JavaScript.

1. **CoOp Internship | 08/18 – 09-18**

**MiraCosta College**

Participated in a project to set up JITWatch on a Raspberry Pi Zero for analyzing Java bytecode as

ARM instructions. Documented procedures, set milestones, and created timelines. Wrote ARM

assembly programs, demonstrated a buffer overflow exploit using GDB, and built a custom

Raspbian image with necessary dependencies for future use.

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| **Skills** | **Projects** |
| |  | | --- | | * Python, JavaScript, Fortran, Cobol, Java, C/C++, ARM, Rust, Bash, SQL | | * AWS, Terraform, Docker, NodeJS, React, GCP, Flask, Git, JQuery, REST, Postgres DBM, Oracle DBM, Tableau | | * Effective Communication, Leadership, Coaching. | | |  | | --- | | 1. **AWS Serverless CRUD API:**   A REST API that manages users' favorite  foods using AWS Lambda and DynamoDB. | | 1. **CNC G-Code Compiler**   A multiparameter compiler that simulates  a CNC milling machine. | | 1. **Rust- Multithreaded Web Server**   A multithreaded web server built in Rust,  ensuring 99.999% uptime and memory  safety. | | **More Projects at:** [**www.github.com/oscar-dev19**](https://github.com/oscar-dev19) | |

**EDUCATION**

1. **California State University San Marcos: B.S Computer Science.**