

# David Nguyen

[dnguyen343@ucmerced.edu](mailto:dnguyen343@ucmerced.edu)  
(323) 683-7102

Rosemead, CA 91770  
[github.com/teknicallydev](https://github.com/teknicallydev)

---

## Objective

Software engineering with a focus on software and hardware analysis.

## Education

University of California, Merced (Graduating Spring 2021)  
B.S. Computer Science and Engineering GPA 3.08

- Coursework: Data structures, Algorithms, Database Systems, Object-oriented Programming, Artificial Intelligence, Computer Vision

## Experience

FELD 2020

- Worked with CISCO Systems, Inc. to create a program that prevents local data penetration of home devices.
- Created a front-end client and handled back-end database development

## Projects

Aurora Project 2019-Present

- Co-created a basis for a game source in java
- Created a front-end client in C# and integrated an anti cheat in C++
- Worked with Lead Developer on back-end database development
- Managed the community and handled all events

Computer Part Recommender 2020

- Created a front-end client and handled back-end database development
- Integrated client with database using Python

Zombie Dice Game 2020

- Created a program in Java that replicates Zombie Dice and you play against a bot

MIPS Simulator 2019

- Created a program in C that executes MIPS assembly language.

Matrix Multiplication Calculator 2019

- Created a program in C that uses different algorithms to do matrix multiplication

ODE Comparator 2019

- Created a program in Matlab that compares and contrasts different ODE's

## Skills

- Programming Languages: Java, MIPS/x86 Assembly, C, C++, SQL, Python, Matlab
- Build and interact with API
- Markup Language: XML, HTML
- Soft Skills: Leadership, Teamwork, Communication, Hardware Repairman
- Operating System: Ubuntu, Windows
- Software Suite: IDA Pro, VMWare, Wireguard, Wireshark, x64dbg, Ghidra