

# DANIEL ANDRADE

(510) 461-9524 

andrade.daniel111@gmail.com 

Castro Valley, CA, 94546 

<https://www.linkedin.com/in/daniel-andrade9/> 

<https://github.com/daniel9a/> 

<https://danielandrade.netlify.app/> 

## EDUCATION

**University of California Davis**

June 2019

*B.S. Computer Science & Engineering*

## COURSEWORK

Object -Oriented Programming  
Data Structures and Programming  
Algorithm Design and Analysis  
Computer Architecture  
Web Programming  
Programming / Scripting Languages  
Computer Graphics (OpenGL)  
Probability and Statistical Modeling in  
Computer Science  
Operating Systems  
Embedded Systems

## SKILLS

**Programming**

(Proficient)

*Python, C/C++, Git, Django*

(Familiar)

*HTML, CSS, JavaScript, jQuery, NodeJS,*

*React, Express, SQL*

**Microsoft Office**

*Word, Excel, PowerPoint, Access*

**Operating Systems**

*Windows 7, 8, 10, Mac OS, Linux, Unix*

## RELATIVE EXPERIENCE

**CCGroup Inc. - Software Engineer**

*September 2019 – Present*

- Implement and develop core software products and related applications. Maintain, enhance, and develop new features for C++ computational engine. Actively learn and support current C/C++ code base and structure clinical algorithms, and clinical tables and actively participate in deployment of the software on Windows and UNIX
- Leverage Knowledge in **C/C++** in Visual Studio IDE, **SQL** in SQL Server Management Studio and Microsoft Access, **Python** for analysis, **Jira** for program management, and **TortoiseSVN** for version control, Windows environment for development environment

**University of California Davis – Software Engineer Intern**

*January 2019 – June 2019*

- Collaborated with professor and councilor to develop a test placement website for incoming students at UC Davis
- Leverage Knowledge in **Django** and **Python** for server side/backend, **HTML/CSS**, **Bootstrap**, and **JavaScript** for front-end, **SQLite3** for database, Third party **API's** for client specific features **Django**, **Python**, **JavaScript**, **HTML/CSS**, **Bootstrap**, **SQLite3**, **REST** and **API's**.

## PROJECTS

**Portfolio Website** (*React, Gatsby, Netlify, CSS, GraphQL, JavaScript*)

- <https://danielandrade.netlify.app/>

**Discord Bot** (*Python, discord.py, flask*)

- Created discord bot with supported built in bot commands and timing actions

**Computer Graphics** (*C/C++, OpenGL*)

- Created a 3d transformation and projection system, Phong lighting model, and ray tracer using OpenGL

**DevConnector** (*MongoDB, Express, React, NodeJS*)

- A social network for developers, built on the MERN stack <https://guarded-sea-08807.herokuapp.com/>

**SpaceX Launch Stats** (*React, GraphQL, HTML, JavaScript, NodeJS*)

- A React application that that uses SpaceX API to display launch details <https://flannel-smarties-58681.herokuapp.com>

**Gatsby Blog** (*React, Gatsby, GraphQL, Netlify, CSS, JavaScript*)

- A blog template created using Gatsby <https://sleepy-aryabhata-dae42.netlify.com/>

## OTHER EXPERIENCE

**Temescal Apartments & Townhomes Website**

- Worked closely with management staff at Temescal Apartments & Townhomes in Davis to recreate and deploy their website <http://www.temescalapartments.com/>

**Techqueria – Open Source Contributor**

- Techqueria is a 501c3 nonprofit serving the largest community for Latinx in Tech <https://techqueria.org/>
- Contributed to their open source website by adding to their resources page