

Giovanni Flores

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SUMMARY OF HIGHLIGHTS

Programming Languages: Java, Python, Go

Relevant Frameworks: JavaFX, Swing, Django, Tkinter

Tools: Microsoft Office, Adobe Photoshop, Eclipse IDE, PyCharm CE

Foreign Languages: Spanish (Native Fluency), Portuguese, French

Hidden Surface Removal: Calculated surface normals of cube faces to determine whether to display them or not after performing some affine transformations

Computer Info: Built a small web application using Golang that allows for the user to store information about laptops they've come across

EDUCATION

Bachelors of Science in Computer Science

May 2020

California Lutheran University **GPA: 3.58**

RELEVANT COURSEWORK

Advanced Computer Programming (Data Structures and Algorithms)

- Implemented common data structures, such as linked lists, binary search trees, and hash tables from scratch

Computer Graphics

- Applied concepts of computer graphics to perform tasks such as affine transformations, phong shading, and hidden surface removal to 3-dimensional shapes

WORK EXPERIENCE

California Lutheran University

September 2017 — Present

Computer Science Departmental Assistant

- Tutored 3 undergraduate students per day in computer science concepts, such as object-oriented programming, code organization, data structures and algorithm

RESEARCH FELLOWSHIP

McNair Scholars Program

January 2018 — Present

- Performed graduate-level research on using natural language processing to eliminate text redundancy
- Developed a GUI using Tkinter that highlights what the text redundancy algorithm suggests to eliminate

CLUB INVOLVEMENT

Computer Science Club

August 2017 — Present

- Founded the Computer Science Club at Cal Lutheran University
- Led the team as president, and helped computer science majors gain experience by building computer programs outside of class
- Collaborated with fellow club members to practice and solve programming interview questions