Samuel Leyva

B.S. COMPUTER SCIENCE, 2018
University of California, Irvine

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RESUME OBJECTIVE

- Computer Science graduate and self-driven individual seeking a Software Engineering / Software Developer position to grow and apply my experience with computer science fundamentals and analytical skills through programming, debugging, and tinkering with modern technologies

SKILLS

Python	C / C++	Bash / Shell	Debugging	Win / Linux Environment
SQL	Git / GitHub	Docker	Java	HTML / CSS / JavaScript

Projects

Euphrosyne / github.com/Montblac/Euphrosyne
November 2020
- Built a bot that leverages the Twitter and Reddit API to automate tweeting and media processing
- Retrieves submissions from specified subreddits and tweets every hour

Guster / github.com/Montblac/guster
September 2019
- Developed a Python application that generates a random nickname and image of Guster from Psych
- Scrapes over 140 nicknames using BeautifulSoup4 and presents images with a Tkinter gui

Virtual Memory / github.com/Montblac/opsysproj-2
February 2018
- Implemented a C program that creates & manages virtual memory using paging & segmentation
- Accepts 32-bit virtual addresses, translates them to physical addresses, and uses a TLB when possible

Process and Resource Manager / github.com/Montblac/opsysproj-1
January 2018
- Designed a C program that emulates the part of the kernel that manages processes and resources
- Applies creation / deletion of processes, requesting / releasing of resources, and interrupts

Experience

HackUCI Volunteer / University of California, Irvine
February 2018
- Assisted in preparation and management of the annual hackathon at UC Irvine
- Helped with the souvenirs table, food distribution, and answering event questions

Youth Retreat Leader / St. Genevieve Youth Ministry
February 2015
- Led a group of young adults on a retreat away from the busy city and technological distractions
- Planned and managed group activities that highlighted their significance and everything around us

Organizations

AppDev, UCI
September 2015 – September 2017
- Expanded computer science concepts and further developed personal interest in software dev.

Filipinos Unifying Scientists-Engineers in an Organized Network
September 2016 – March 2018
- Formed relationships within a Filipino community and engaged in engineer-centered activities