

# 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](https://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](https://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](https://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](https://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