Luciano Remes

Software Engineer & CompSci Student   Salt Lake City, UT 84103

Objective   cybergenik@gmail.com

I want to build scalable infrastructure and work on   (818)-731-4070
transitioning applications to the cloud. I love working with   **Portfolio**
Virtualization and Container Tech.

Education

B.S. in Computer Science – *3.8 University of Utah,*   *present – May 2023*

- Research Assistant, FLUX Research Group, Artifact Evaluation Committee – Fall 2021
- Teaching Assistant, Data Structures and Algorithms (CS 2420) – Fall 2020
- Lassonde 400 Entrepreneurship Recipient, $3,000 merit scholarship, HackTheU Finalist

Work Experience

SWE Summer Analyst – Goldman Sachs,   *May 2021 – August 2021*

- Worked on internal deployment infrastructure called Keystone
- Proposed and built out Data-driven RESTful API to replace existing infra
- Built dynamically resolving and highly performant APIs for cross platform use
- Used: **MongoDB**, Java, **ElasticSearch**, AngularJS

Software Engineer – *Blerp*,   *June 2020 – October 2020*

- Developed data analytics dashboard using **Python, matplot, pandas, numpy**
- Implemented **ElasticSearch** and **Atlas Search**, **15**% reduced average query time
- Optimized **FFMPEG** soundbite manipulation, reduced runtime per audio-bite by **20**%
- Built advanced scraper to reverse index and acquire existing soundbite web content to increase speed to market

IT & Data Science Engineer – *UHealth-TeleHealth*,   *March 2020 – June 2020*

- Developed platform agnostic applications on **C# .NET** framework **Xamarin**
- Built data modeling algorithm for effective patient care with **Python**
- Implemented part of a $500,000 budget by architecting and building remote-care web app for UHealth burn patients using **JS** and **C#**

IT Operations Analyst – *Basecamp Franchising*,   *May 2019 – March 2020*

- Developed, QA tested, and deployed production printing software built in **Java**, reducing printing related tickets by an average of **31%**
- Optimized container based **microservice** infrastructure by optimizing **Docker** environments and implementing **docker-compose** procedures.
- Automated **CI/CD** Pipeline using **SaltStack**, **Bash**, and **Python**
- Implemented **Salt** procedures to automate ticket resolution and service uptime

Projects

- **KronoPI**: Python Package
    - **Chudnovsky PI Derivation Algorithm**, Matrix shapes, matrix manipulation
    - 2,432 PyPI package downloaded
- **RuneMaster**: Discord Bot
    - **Python, PlayWright, Selenium** web scraping
    - **Discord Sharding**, Functional and Data-Driven

Skills

- **Languages: Python, JavaScript**, Java, Bash, C/C++, Go, HTML/CSS, PHP
- **Tech: Qira, MongoDB**, NodeJS, ElasticSearch, Atlas Search, React, Angular
- **Tools: Linux, Vim**, Git, Agile, IntelliJ, VSCode, Cypress