Saul Neri
Software Engineer

Enthusiastic technical professional with excellent understanding of software development lifecycle. Highly trained in Python and JavaScript and known for having talents in problem solving and algorithmic thinking.

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EDUCATION

B.S. Computer Science and Technology
Tec de Monterrey

08/2016 - 12/2020   *96.2 GPA*

WORK EXPERIENCE

Software Engineer
Grillo Systems

09/2019 - 12/2019   *Mexico City*

Earthquake Early-Warnings for Everyone

Achievements/Tasks

- Designed and built algorithm for seismic activity detection.
- Managed, tracked and maintained IoT devices on AWS.
- Created and implemented database designs and data models.
- Wrote and maintained custom scripts to increase system efficiency and performance time.

Network Engineer Intern
Cisco

08/2018 - 12/2018   *Mexico City*

Achievements/Tasks

- Linked networking devices with business app using Cisco Meraki public API.
- Developed backend of bussines networking webapp using popular Python Framework Flask.
- Designed web-based assets for deployment on Amazon Web Services (AWS) cloud computing platforms, including EC2 and VPC.
- Led server infrastructure development, quality assurance, staging and production systems.

INMEGEN
Software Engineer Intern

05/2018 - 07/2018   *Mexico City*

National Institute for Genomic Medicine

Achievements/Tasks

- Provided software and hardware troubleshooting to maintain performance levels.
- Maintained and optimized the genomics analysis workflow.
- Maintained the buildings main server site.
- Designed a web application for real-time cluster monitoring.
- Built new software packages for Linux distribution.

SKILLS

Python · JavaScript · Java · SQL · p5.js · Git · Linux · Go · Docker · HTML · CSS · Flask · Django · Node.js · Express · C/C++ · React · Vue · Angular · Flutter · SwiftUI · Kubernetes

PERSONAL PROJECTS

The daily Sketch (08/2020 - Present)
- Generative Art using p5.js framework.

My Database (06/2020 - Present)
- My own database system written in Rust

Graph Drawing Engine (01/2019 - 06/2019)
- A p5.js based engine for drawing directed graphs.

saulneri.com (2018 - Present)
- My personal website

CERTIFICATES

CCNA Routing and Switching (12/2018 - Present)

ACHIEVEMENTS

National Programming Olympiad (04/2016)
Bronze Medal

IBM Blockchain Hackathon (2018)
Second Place

LANGUAGES

English
Full Professional Proficiency

Spanish
Native or Bilingual Proficiency

INTERESTS

Computer Graphics · Compilers · Generative Art · Systems programming · Baking · Cooking · Philosophy