

Rodrigo Lopez

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EDUCATION

PENN STATE UNIV.

BS IN COMPUTER SCIENCE

7 Semesters Completed | Brandywine
+ Harrisburg

AVON GROVE HIGH SCHOOL

Grad. Jun 2018 | WestGrove, PA

LANGUAGES

- Fluent English
- Fluent Spanish
- Basic Italian

LINKS

Github:// [Skinny229](#)

LinkedIn:// [rodrigo-lopez-818276173/](#)

SKILLS

PROGRAMMING

Experienced in:

Java • Unit Testing • Git
• C++ • Springboot • Python
• React • AWS • Linux • SQL

Beginner in:

• Kafka • Docker • CSS
• React

Familiar:

• Angular • Kubernetes

CERTIFICATIONS

Completed Jan. 2022

Associate AWS Solutions Architect

EXPERIENCE

JPMORGANCHASE | SOFTWARE ENGINEER PROGRAM INTERN

Currently Oncoming Summer 2022 Intern

Summer of 2019-2022 | Newark, DE

Responsible For:

- Automation of unit test creation for Spring MVC Applications (2019)
- Developing full stack applications for internal and public use (2020-2021)
- Full stack application to query big data environments and automatically generate reports (2021)

KCTOOL | SOFTWARE ENGINEERING CONSULTANT

Aug 2021 – Nov 2021 | Remote

- Optimize backorder tracking script runtime from 4 hours to 1 minute
- Automize business and customer delivery notification for unique back orders

AVON GROVE SCHOOL DISTRICT | FIRST ROBOTICS MENTOR

Aug 2018 – Present | West Grove, PA

Responsible For:

- Creating Autonomous planning techniques implementing encoders, PID Controllers, gyroscopes, and Cameras/Open CV
- Communication and coordination between proprietary and open source equipment (roboRIO/Arduino)
- Supporting FRC(HS) and FLL(Elementary) level students
- Teaching Computer Science topics for HS and Elementary students such as Agile development and Autonomous Techniques

HACKATHONS ATTENDED

Code for Good JPMChase - September 2018

- Develop Backend for Website to engage and track donations for Goodwill of Delaware

HackPSU - November 2018

- Semi Autonomous Vehicle using AWS facial recognition services to plan trajectories