Alexander Gharibian

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EDUCATION

PURDUE UNIVERSITY

B.S. IN COMPUTER SCIENCE

Exp. May 2019 | West Lafayette, IN
Conc. in Systems Programming &
Software Engineering
GPA: 3.34 / 4.0

LINKS

https://gharibian.xyz
Github:// agharibi
LinkedIn:// alexandergharibian

COURSEWORK

CS 252: Systems Programming
CS 381: Analysis of Algorithms
CS 354: Operating Systems
CS 352: Compilers

LANGUAGES

C	Intermediate/Advanced
Python	Intermediate/Advanced
C++	Intermediate
Go	Intermediate
Shell	Intermediate
MySQL	Intermediate
Java	Intermediate
LaTeX	Intermediate

TECHNICAL SKILLS

Linux and Unix Proficiency
- Command Line (bash)
- Version Control (git)
- Docker

Web Development
- HTML
- CSS
- JavaScript
- Node.js

EXPERIENCE

RED HAT SOFTWARE DEVELOPMENT INTERN

June 2017 – August 2017 | Westford, MA
- Worked on *linchpin*, an open source hybrid cloud orchestration command line tool built on Ansible written in Python
- Implemented *linchpin fetch* using the Click library, which fetches remote linchpin configurations and integrates them into the working project allowing the user to quickly restore previous configurations with one command

RED HAT PERFORMANCE ENGINEERING INTERN

May 2018 – August 2018 | Westford, MA
- Contributed to a project known as *Machine Learning Container Creator* (MLCC) that installs a user's desired machine learning packages in a container based on the environment and ensures that they perform to the system's capabilities
- Created an ML app using OpenCV and TensorFlow that identifies handwritten digits via camera to demonstrate the MLCC workflow

PROJECTS

HANDWRITTEN DIGIT IDENTIFIER

July 2018 – September 2018
A machine learning program that uses OpenCV and the TensorFlow Python framework to identify handwritten digits via a live camera feed. The program can either train a convolutional neural network or read in a pretrained model before identifying the handwritten digits.

PATHFYNDER

January 2017 – August 2017
A website that allow students from each university to be able to rate courses, internships, dining courts, and other aspects of campus life. As team leader, I managed a team of five peers as well as contributed to the development of the project.

BANDMAP

August 2018 – December 2018
A unified service that allows users to find trustworthy bands and local musicians for hire. Musicians and bands can create their own profile, showcasing their talent so that venues can quickly learn about each artist's capabilities and contact them for hire.

COMMUNITY ENGAGEMENT & LEADERSHIP

PURDUE HACKERS

August 2015 – Present | Purdue University
A student run organization that is dedicated to expanding a community of programmers and to inspire greatness among all members.

PURDUE CREW | WEBMASTER

September 2017 – Present | Purdue University
As an avid member of the Purdue Crew, where teamwork and persistence is emphasized, I rebuilt the team's website and kept it updated with the latest news.

ARMENIAN CLUB OF PURDUE | FOUNDER & PRESIDENT

August 2018 – Present | Purdue University
Began the Armenian Club of Purdue to unite the university's Armenian population and to provide a way for those students to connect