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Objective

• Obtain a cooperative study for a minimum of 3 months

- A position of Software Engineer or equivalent
- To research, design, and implement solutions for real world problems

Education

Rochester Institute of Technology - New York

rit.edu

Aug. 2011 - Present

- Undergraduate Computer Science Student
 - Expected Graduation Date: June 2016
 - Core Courses:
 - * Computer Organization
 - * Computer Science[1-4]
 - * Intelligent Security Systems
 - * Concepts of Parallel & Distributed Systems
 - * Data Communications

Skills

- Languages: Assembly (MIPS), C, GoLang, Java, Python
- Tools: Emacs, Git, LaTex, Subversion, Vi/Vim, Docker
- Concepts: Parallel & Distributed Systems, Systems Programming, Intelligent Systems

Professional Experience

Ntid ntid.rit.edu

Backend Software Enginer

June 2014 - Current

- Developed a web application for use by over 300 interpreters to track and manager their activities
- Designed and implemented RESTFul API in python.
- Developed a API in python using api best practices

Exablox exablox.com

Continious Integration Intern

- June 2013 January 2014
- Worked developing internal developer resource and continuous integration systems
- Designed and implemented a system to manage and test data
- Developed a Buildbot and ReviewBoard collaboration plugin in python

Computer Science House

csh.rit.edu

Amature Systems Administrator

Active Member

- Yearly technical Major Project

Online Presence

LinkedIn: www.linkedin.com/in/rlguarino/

Githhub: github.com/rlguarino

Blog: rlguarino.com

Twitter: twitter.com/rlguarino

Projects

Available on github.com/rlguarino.

• Intelligent Scan Detection

GoLang, Python

- An intelligent securety system designed to detect and respond to port scans.
- Uses a nural network to classify traffic data as potential scans in real time.
- Generated realistic traffic data using a process of categorizing traffic characteristics and composing fake traffic on demand.

• Unitracker GoLang

- A continious integration unit test tracking system built with go.
- Designed to be used as part of a buildbot system the Unitracker will track and display the outcome of unit tests in a easy to understand manner.

• Taskboard GoLang

 A web application designed to interface with Computer Science House systems to privide a way for members to pay each other co complete tasks using a special currency.

• PyShare Python

- A peer-to-peer file sharing program
- Implemented my own Diffie Hellman encription to secure the traffic

• Smart Vending Machine System

Java

- A smart vending machine system group project for a Software Engineering class.
- Networked vending machine systems with an inventory management system and real time system monitoring