

Sam Azouzi

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EDUCATION

RUTGERS UNIVERSITY BS IN COMPUTER SCIENCE

Expected May 2019 | New Brunswick, NJ
School of Arts and Sciences
Dean's List (All Semesters)
Cum. GPA: 3.8 / 4.0

REL. COURSEWORK

Data Structures
Computer Architecture
Systems Programming
Algorithms
Artificial Intelligence
Data Management (SQL)
(Currently) Data Science
(Currently) Operating System Design

SKILLS

PROGRAMMING

Proficient:

Java
Python
C

HTML

Experienced:

C Sharp
CSS
Node.js
JavaScript

FRAMEWORKS/TOOLS

Frameworks:

Flask
Agile Development

Tools:

Git
MySQL
SQLite
Bash
Vim

LINKS

Github:// [azoam](#)
LinkedIn:// [sam-azouzi](#)

EXPERIENCE

RUTGERS UNIVERSITY | OPEN SYSTEM SOLUTIONS SYSTEM ADMINISTRATOR

January 2016 - Present | New Brunswick, NJ

- Maintain and update software on university servers running CentOS and Solaris using RPMs for a user community of 70,000 faculty, staff, and students
- Debugged and responded to system issues for Rutgers Build Servers.
- Adapt open source software for enterprise use on Rutgers Systems.
- Worked on URL Shortener for Rutgers Faculty using the Flask framework.

NOTABLE PROJECTS

SLACKRU PYTHON/SLACK API/TWILIO API

- Created and maintain slackbot to organize 400+ hackers and mentors for HackRU.
- Used keywords in help request to determine and automatically text appropriate mentor

ASYNCHRONOUS DIRECTORY MANAGER JAVASCRIPT/NODE.JS

- Mimics file system actions on a local machine such as modifying/deleting/creating files/directories on a remote machine.
- Actions are restricted to specified directory on the local and remote machine.
- Each 'mimic' action taken care of by separate contexts allowing for several actions to occur asynchronously.

REMOTE I/O C AND C CORE LIBRARIES

- Created network I/O functions that allowed for remote reads, writes, opens, and closes from local to remote servers.
- Used core libraries from C to emulate client(s) to server communication through sockets

ORGANIZATIONS

USACS | EDUCATION DIRECTOR

May 2016 - Present

- Organized 40+ Tech Talks from leaders in industry for community education
- Reorganized Mentorship program to accommodate for the boom in mentees; now 300+ participants strong

HACKRU | VOLUNTEER DIRECTOR AND RESEARCH AND DEVELOPMENT

May 2016 - Present

- Lead a team of 40+ Volunteers for HackRU to organize and support day-of operations
- lead a team of 40+ Volunteers for HackRU to organize and support day-of operations for 1000+ person event
- Currently developing team-building web application with Python/Flask and MySQL to automate the process of grouping hackers with similar interests but no ideas.