

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: 3.88 / 4.0

REL. COURSEWORK

Computer Architecture

Systems Programming

(Currently) Algorithms

(Currently) Artificial Intelligence

(Currently) Databases

SKILLS

PROGRAMMING

4+ Projects:

Java

Python

C

HTML

1-3 Projects:

C Sharp

CSS

Node.js

JavaScript

FRAMEWORKS/TOOLS

Frameworks:

Flask

Agile Development

Tools:

MySQL

SQLite

Bash

Linux

Vim

LINKS

Github:// [azoam](#)

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

EXPERIENCE

RUTGERS UNIVERSITY | OPEN SYSTEM SOLUTIONS

SYSTEM ADMINISTRATOR

January 2016 - Present | New Brunswick, NJ

- Updating 50+ Solaris 9/CentOS 5/6/7 development machines used by Rutgers by using open source software to create Rutgers specific Red-Hat packages.
- Maintaining about 20 development machines used by OSS by implementing services such as rsync/logrotate and other system administrative tools.

NOTABLE PROJECTS

REMOTE I/O TECHNOLOGY USED: C AND C CORE LIBRARIES

Finished: Source Code on Request

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

ASYNCHRONOUS DIRECTORY MANAGER TECHNOLOGY USED:

JAVASCRIPT/NODE.JS/COMMUNITY LIBRARIES

Core features finished

- Mimics file system actions on a local machine such as modifying/deleting/creating files/directories on a remote machine
- These actions are restricted to a certain directory on the local machine and a certain directory on the remote machine

SLACKRU TECHNOLOGY USED: PYTHON/SLACK API/TWILIO API

Finished V1, V2 still in development

- Created a slackbot to organize mentors for HackRU
- The bot paired hackers who needed help with mentors who were not busy
- V2 hopes to integrate the twilio api to call mentors that do not respond on slack

ORGANIZATIONS

USACS | EDUCATION DIRECTOR

May 2016 - Present

- Organized 40 Tech Talks from students/alumni of Rutgers passionate in certain subjects. These events gather 20-30 people on average per event.
- Organized a Mentorship program by reaching out to upperclassman that has gathered interest from 300+ students. Using slack to maintain proper communications across such a large platform.

HACKRU | VOLUNTEER DIRECTOR AND RESEARCH AND DEVELOPMENT

May 2016 - Present

- Lead a team of 40+ Volunteers for HackRU to support the constant demand of the Hackathon that gathers about 600 students per semester.
- Developed a chat bot for slack used to connect mentors and hackers with questions at HackRU, used by about 200 people day of last semester. Created to solve the problem of unorganized mentors-hacker communication of the past.