

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

Algorithms

Artificial Intelligence

Data Management (SQL)

(Currently) Data Science

(Currently) Operating System Design

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

- Maintain and update software on university servers running CentOS and Solaris using RPMs for a user community of 70,000 faculty, staff, and students
- Adapt open source software for enterprise use on Rutgers Systems
- Train new workers with current best practices and work flow.

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

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.

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 mentor-hacker communication of the past.