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
SQLlite
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

https://www.techrepublic.com/blog/linux-and-open-source/remotely-monitor-servers-with-the-nagios-check-by-ssh-plugin/

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.