

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

RELEVANT

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

Familiar:

Assembly • Android

FRAMEWORKS/TOOLS

Frameworks:

Flask • Agile Development

Tools:

MySQL • MongoDB • SQLite

Bash • Linux • Vim

Netbeans • Eclipse

LINKS

Github:// [azoam](#)

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

EXPERIENCE

RUTGERS UNIVERSITY | OPEN SYSTEM SOLUTIONS

SYSTEM ADMINISTRATOR

January 2016 - Present | New Brunswick, NJ

- Responsible for maintaining Rutgers' public/private CentOS and Solaris servers
- Responsible for updating/testing/building public packages used by all Rutgers' servers

NOTABLE PROJECTS

REMOTE I/O

TECHNOLOGY USED: C AND C CORE LIBRARIES

Status: Finished: Source Code on Request

- This project 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/closes from local to remote servers.

ASYNCHRONOUS DIRECTORY MANAGER

TECHNOLOGY USED: JAVASCRIPT/NODE.JS/COMMUNITY LIBRARIES

Status: Core features finished

- This project 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

Status: Finished V1, V2 still in development

- A slackbot used to organize mentors at 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

- Organize and Plan 40 Tech Talks throughout the year for students
- Organize and maintain our Mentorship program which garners 200+ students collectively a year

HACKRU | VOLUNTEER DIRECTOR AND RESEARCH AND DEVELOPMENT

May 2016 - Present

- HackRU is one of the largest hackathons on the East Coast
- Organize and Maintain our 40+ Volunteers and 20+ Mentors at the event
- Develop applications to automate organization of volunteers and mentors