

# 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

Familiar:

Assembly • Android

### FRAMEWORKS/TOOLS

Frameworks:

Flask • Agile Development

Tools:

MySQL • 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 and private CentOS and Solaris servers
- Responsible for updating, testing, and building public packages used by all Rutgers' servers

## 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

- 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