Regina Rex

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EDUCATION

UNIVERSITY OF WISCONSIN-SUPERIOR
BSc, Computer Science & Mathematics
August 2020, GPA: 3.32/4.0

SKILLS

Programming Languages
- Proficient in or have written production code with: Java, C++, Slang, Python, JavaScript, HTML/CSS, SQL, and XML. Familiar with C, C#, Assembly, LaTex, R, and PHP

Frameworks and Tools
- Made use of the following libraries/frameworks during my internships and side projects: Node.js, Django, React, Express.js, and Bootstrap.
- Day-to-day programming workflow involves the use of the following tools: Git, Vim, Bash

Development Platforms
- Some of the development platforms used during internships and side projects include: Linux, Unix, Apache Spark, Hadoop, AWS EC2, Google Cloud, Docker, and version control (Git/SVN/CVS)

PROFESSIONAL EXPERIENCE

GOLDMAN SACHS
Technology Summer Analyst
May 2017 - Aug. 2017 | New York, NY
- Modified existing system to implement data publishing from legacy risk reporting platform to new platform

HOTELS.NG
Software Engineering Intern
Jan. 2017 - April 2017 | Lagos, Nigeria - Remote
- Worked remotely on the front-end engineering team to design, develop, and polish web pages

OJAEXPRESS
Software Engineering Intern
Jan. 2017 - Mar. 2017 | Chicago, IL - Remote
- Collaborated with a team of two to design and develop a search engine for finding data

SELECTED ACTIVITIES

CO-FOUNDER & PRESIDENT
African Students Association, UW-Superior
Sept. 2017 - Present
- Started a student organization to advocate for, making known the various African cultures, tribes, and countries that made up the campus

GHC19 POSTER PRESENTER
2019 Grace Hopper Celebration (GHC)
Oct. 2019 | Orlando, FL
- Presented a poster on the Clearance-biased method

RESEARCH EXPERIENCE

MECHANISM DESIGN 4 SOCIAL GOOD
Member - ICTD Working Reserch Group
Jan. 2018 - Present | Remote
- Focused on research projects for under-resourced communities

PARASOL LABORATORY
Undergraduate Researcher - UIUC
Sept. 2019 - Dec. 2019 | Remote
- Studied the application of motion planning in bioinformatics to help improve the efficiency of drug design

Research Intern | CRA-WP DREU Participant
May 2019 - Aug. 2019 | Urbana-Champaign, IL
- Extended Clearance-bias method to computational biology application of motion planning

Remote Research Collaborator
Sept. 2018 - Dec. 2018 | College Station, TX
- Studied motion planning algorithms to fulfill my undergraduate Math Capstone

Research Intern | CRA-WP DREU Participant
May 2018 - Aug. 2018 | College Station, TX
- Designed a method for biasing environment exploration based on the size of free space between obstacles in the environment to increase the efficiency of environment exploration

INDIANA UNIVERSITY BLOOMINGTON
Hello Research Workshop
October 2018 | Bloomington, IN
- Worked in a team to train a convolutional neural network to combine audio processing and computer vision for activity recognition

CORNELL CIS
SoNIC Research Workshop Participant
June 2018 | Ithaca, NY
- Conducted and presented research on cloud computing and networking

HONORS & AWARDS

Selected Fellowships:
- 2019 & 2020 Rewriting the Code Fellow
- 2019 Impact Fellow

Selected Scholarships / Grants:
- 2019 & 2017 Anita B.org GHC Scholar
- 2019 & 2020 HBCU@SXSW Cohort

Others:
- 2019 Heidelberg Laureate Forum: 1 out of 200 Most qualified Young Researchers