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732-822-2031

Education

Rutgers University, New Jersey   **Expected to graduate May 2021**
Major: **Bachelor of Science in Computer Science**
Current GPA: 3.98

Skills

Proficient in Java, Python, C#, C/C++, MySQL, MongoDB, Git, Azure DevOps, VIM and Visual Studio.

Relevant Courses

- Systems Programming
- Computer Architecture
- Data Structures
- Algorithms
- Information and Data Management
- Internet Technology
- Discrete Structures 2
- Electronics and Robotics

Experience

Software Engineering Intern
Shell Technology Center, Houston Texas   **May 2019-August 2019**
- Upgraded STIM2001, a desktop-based matrix acidification program made with an array of languages such as Fortran, C, C++, and C# to a new version with new empirical models to be used company-wide.
- In a team of five, fixed over 10 user interface issues and provided the foundation for future versioning of the program by moving data storage from serialized STIM files to XML files.
- Added username and password security using OPC UA to GWAP (Gas Well Analysis Program) a web-based program designed to monitor alarms on production sites, made with Node.js, C#, and C++.

Side Projects

Rutgers Bot   **2018-Present**
https://github.com/Kironb/RutgersBot
- Created a program to recognize and send messages to Rutgers' Computer Science Discord (a chat service) in real-time using Python, the Discord.py API and MongoDB Atlas' cloud database for storage.
- Provides students resources and reliable utility services for moderation and estimated bus arrival time.
- Used by hundreds of computer science students within the server and is continuously running on a Linux virtual machine on Google Cloud.

Subreddit Scanner   **May 2019-September 2019**
https://github.com/Kironb/Subreddit-Scanner
- In a team of two, developed a Reddit bot to scan through various subreddits and save items a user finds valuable to their Reddit account, along with giving them capabilities to copy multi-reddits over easier.
- Developed using Python, the PRAW API, and PyQt5. Users connect their account via a configure file and have the option of running it on the terminal or through a display created from PyQt5.

Leadership

HackRU Organizer   **2018-Present**
- Organized 24-hour hackathon, HackRU as a part of the research and development team. Developed "Mentorq", a program to help hackers find mentors during the day of the hackathon. Uses React as a front end and Django as a back end.

USACS (Undergraduate Student Alliance of Computer Scientists) Alumni Chair   **2018-2019**
- Organized alumni involvement in school's main computer science club USACS via emails and newsletters. Mentored undergraduate Computer Science students and facilitated an alumni mentorship program.

Awards/Recognitions

Rutgers School of Arts and Sciences Excellence Scholarship   **Spring 2019**
Member of Rutgers Honors Program   **2018-Present**
Recognized on Dean's List   **2017-2019**