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**School Address:**  
44 Riverview Ave  
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08854

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## Education

*Rutgers University, New Jersey*  
Concentration: **Bachelor of Science in Computer Science**  
Current GPA: 3.974

**Expected to graduate May 2021**

## Skills

Proficient in Java, Python, C#, C++, C, Mongo DB Atlas, Git, Azure DevOps, Eclipse, VIM and Visual Studio.

## Relevant Courses

- Systems Programming
- Data Structures
- Introduction to Discrete Structures 1 and 2
- Computer Architecture
- Scientific and Technical Writing
- Electronics and Robotics

## Experience

### **Computer Science Intern**

**Shell Oil 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 UI (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 and tested 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

### **Subreddit Scanner**

**May 2019-Present**

- 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.
- Created 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.
- Available along with my other side projects on my website, <https://kironb.github.io>.

### **Potterquest**

**2017-Present**

- Created a program to recognize and send messages to discord (a chat service) in real-time using Python, the discord.py library and MongoDB Atlas' cloud database for storage.
- Users can generate their own specific profiles, join Pottermore houses and buy pets.
- Used separate API's to create other discord bots in Python and Java, most notably made a Rutgers bot that gave information about bus times which is in use in a computer science server with 100+ users.

## Leadership

### **HackRU Organizer**

**2018-Present**

- Developing "Mentorq", a real-time ticket queue system for hackers to find mentors during the hackathon HackRU, in a team of three. To be developed in React and Django. Aided in other development efforts by testing "sledge" and helped to facilitate event efforts on the day of the hackathon.

### **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 SAS (School of Arts and Sciences) Excellence Scholarship  
Member of Rutgers Honors Program  
Recognized on Dean's List

**Spring 2019**  
**2018-Present**  
**2017-2019**