

ATA NOOR

Seeking a Software Internship for Summer 2023

🌐 atauln

in atanoor

☎ (513) 582 6809

✉ ataulnoor75@gmail.com

PROJECTS

★ TigerWallet | [Python](#) [Flask](#) [HTML/CSS](#) [MySQL](#)

github.com/atauln/tigerwallet

- Created a full stack **Flask** web application
- Integrated with a **MySQL** database server
- Containerized with **Docker** and **Podman**
- Handles processing **user authentication** with university emails
- Performs **caching** and **data processing** to provide statistics
- Enabled notification support for accounts with **Twilio**
- Currently hosted on an **OKD** instance at the Computer Science House

LetMeIn App | [Android](#) [Kotlin](#) [XML](#) [Websockets](#)

github.com/ComputerScienceHouse/LetMeInApp

- Built an **Android** application with **Kotlin**
- Connects to a **Golang** web server via a **websocket** connection
- Connects to hardware clients via a **MQTT** server
- Adds benefits like **live notifications** for end users

PARCSTAR | [Java](#) [Swing](#) [Websockets](#) [FFT](#) [Audio](#)

github.com/atauln/PARCSTAR

- Used **Java** to receive **microphone** input
- Sends compressed audio data over a **websocket** connection
- Performs **FFT** audio analysis to get the pitches and amplitudes
- Usable for a variety of musical instruments

EXPERIENCE

Chester F. Carlson Center for Imaging Sciences

Student Systems Administrator | August 2022 – Current

- Maintaining, expanding and upgrading infrastructure
- Evaluation of currently implemented technologies
- Promotion of research and resource usage among staff and student body
- Troubleshooting of multiple operating systems
- Communicating between multiple departments
- Detect and mitigate hardware and software issues
- Use scripting languages like Python and Powershell to automate daily tasks
- Manage building-wide password and computer security regulations

EDUCATION

Rochester Institute of Technology

BS, Software Engineering

Database Design Minor

SKILLS

Languages

[Java](#) [Python](#) [C](#) [Kotlin](#)

[C#](#) [SQL](#) [JavaScript](#)

[HTML](#) [CSS](#)

Tools

[Git](#) [MySQL](#) [GNU/Linux](#)

[Emacs](#) [Flask](#)

[OpenShift](#) [Kubernetes](#)

ACTIVITIES

Computer Science House

Member | August 2022 – Current

- Living on floor with other computer science colleagues
- Contributing towards house services and helping other members

BrickHack Logistics Team

Team Member | July 2022 – Current

- Hosted RIT's annual hackathon, BrickHack
- Also hosted minor hackathons like ClayHack
- Collaborated with companies and sponsors
- Managed prize tracks and swag for the event