ATA NOOR

Seeking a Software Internship for 2024/25

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EXPERIENCE

MITRE

Innovation Intern & Developer | **May 2023 – Current**

- Specialized in **DevOps** and **database administration**
- Worked closely with new and uprising technologies involving **Artificial Intelligence**
- Built a **Spring Boot** backend with **Java** and contributed to a **ReactJS** frontend
- Developed **NGINX** and **SSL** encryption configurations
- Utilized an **Azure** subscription to host a **MongoDB** cluster
- Supervised an **Ubuntu** virtual machine on **VMWare**
- Collaborated in a team environment with tools such as **Jira**, **Gitlab**, **Teams** and **Slack**
- Created **system architecture diagrams** and published **release notes** regularly, with proper versioning

Chester F. Carlson Center for Imaging Sciences

Student Systems Administrator | **August 2022 – Current**

- Maintained **department infrastructure** and **security regulations**
- Promoted **research and development** among imaging science students
- Collaborated in a **team environment** to complete tickets

PROJECTS

★ TigerWallet | Python   Flask   HTML/CSS   MySQL

 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
- Perfoms **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

 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

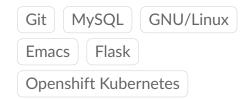# EDUCATION

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

Webmaster | **August 2022 – Current**

- Help maintain **house services**, both public and internal
- Learn a wide array of useful skills, such as **OKD**, **Ceph**, **S3**, etc.

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