

ATA NOOR

Software Engineering Undergraduate Looking for a Summer 2023 Internship

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/atauln

in atanoor

EXPERIENCE

Student Systems Administrator

Carlson Center for Imaging Sciences

Aug 2022 – Present

- Maintaining, expanding and upgrading infrastructure
- Evaluation of current technologies implemented
- Promotion of research and resource usage among student population
- Use of knowledge of multiple operating systems
- Communication between several departments regarding issues
- Detect and mitigate hardware and software issues
- Use scripting languages, like Python, to automate tasks
- Manage building-wide password and computer regulations

PROJECTS

TigerWallet

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2022 – Present

- Flask web application built with Python and Jinja2 templating
- Accesses user's TigerSpend balances and presents it to them
- Performs data analysis to present users with choices
- Connected to and modified a MySQL database to cache user information
- Containerized with Docker and Podman, hosted on an Openshift/OKD instance
- Presented a UI with HTML, CSS and Javascript, styled with Bootstrap
- Connected to Sentry to notify for any errors and monitor latency
- Reduced web page load time by a factor of 60x

Flask MySQL Docker Podman Sentry Bootstrap
Python Jinja HTML/CSS/JS SQL

PARCSTAR

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- Performs Fast Fourier Transformations on live audio
- Communicates processed audio information over websockets to a frontend client
- Uses this information to create tablature and sheet music (primarily) for guitars

Java Swing Websockets

TECHNOLOGIES

Flask MySQL Docker Bootstrap
Java Swing

LANGUAGES

Python Java SQL Jinja

ACHIEVEMENTS



National Merit Semifinalist

For scoring among the top 1 percent of the nation on the PSAT



ACT Perfect Scorer

Scored a perfect score of 36 on the ACT

EDUCATION

Software Engineering BS/MS

RIT, 2026

ACTIVITIES

Computer Science House

On-Floor Member

- Special Interest House for RIT students passionate about computer science
- Provides computing, systems and technical support
- Provides opportunities for contributing to house services

BrickHack

Logistics Team Member

- Member of RIT's logistics team for RIT's premiere annual hackathon
- Collaborate with companies to host and/or sponsor BrickHack 9
- In-house hosting of hackathon management software and prize distribution
- Previously hosted ClayHack 9