

AHMAD KHAN

Software Engineer

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📍 Chicago, Illinois

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EDUCATION

Duke University

GPA: 3.53

B.S in Computer Science

📅 August 2018 – May 2022

IT

CompTIA A+ Certification

- Certification covering motherboard components and computer construction, as well as hardware/software troubleshooting Windows OS. Mastery of networking/linux basic concepts.

EXPERIENCE

Software Engineer

Duke OIT

📅 May 2020 – Present

📍 Remote

- Worked alongside Duke Dining & Duke Reach to establish Feed Every Devil program to address student food insecurity at Duke
- Created food point donation application using Ruby on Rails web framework, Bootstrap UI library, and jQuery
- Handled donation transactions using Transact API and stored transaction history in PostgreSQL database
- Implemented client & server side validations on student donations using jQuery and Ruby
- Created mobile-responsive donation portal and admin interface to redistribute food points to students in need
- Authored documentation for onboarding developers

IT Technician

Duke Medical School

📅 January 2019 – Present

📍 Durham, North Carolina

- Overseeing Duke Medical School network of devices using Jamf.
- Solving computer hardware and software problems on-the-spot for medical students.
- User data transfer and sorting using Microsoft excel

SKILLS

- Python
- Java
- Ruby on Rails
- nodeJS
- PostgreSQL
- JavaScript
- React
- HTML/CSS
- C
- Ubuntu

PROJECTS

GTHC - Game Tenting Help Center

Dec 2019 - Present

- <https://github.com/GTHC>
- Mobile and web scheduling application designed to improve K-Ville tenting experience and provide scheduling tailored to students.
- President - responsible for recruiting & onboarding developers, reviewing feature pull requests and assisting SW teams with development
- Created responsive about pages using React, React-Router
- Configured team member devices for Linux dual boot and development environment

WOTO

Jun 2020 - Aug 2020

- <https://wototime.com/>
- Education application using MERN stack designed to consolidate online office hour operations
- Assisted other developers in front-end design using React and Ant Design library

The Green Path

November 2019

- <https://github.com/Akhan221/resource-saver>
- Rapidly developed a website using React.JS and HTML/CSS
- Users input their monthly utility bill and receive instant statistical comparison to state and national averages.
- Website designed to psychologically motivate users to lower utility usage, positively contributing to the environment.

Computer Aquarium

Dec 2017 - May 2018

- Submerged micro-ITX motherboard in mineral oil filled fish tank.
- Placed a larger tank around the mineral oil tank and added aquarium life such as plants, fish, etc.
- Computer remained fully functional including network connection and display output, external tank acted as system coolant.