

M. Jafar Rizvi

Lake in the Hills, IL 60156
<https://j-rizvi.github.io/>

j.rizvi@live.com
[linkedin.com/in/mjrizvi](https://www.linkedin.com/in/mjrizvi)

EDUCATION

University of Illinois at Urbana-Champaign, IL

Expected May 2021

Bachelor of Science in Technical System Management

Minor in Computer Engineering

Relevant Coursework: Data Structures, Computer Systems Programming, Electrical-Computer Controls System, Motors and Controls System

TECHNICAL SKILLS

Programming Languages: C++, C, Python, MySQL, PHP, HTML, CSS, Bootstrap, GitHub, LaTeX, System Verilog

Enterprise Tools: Splunk, Apache, LAMP Stack

Software Applications: Quartus, Arduino, Dreamweaver, MS Office Suite, Adobe Suite, SCCM, Microsoft AD

PROFESSIONAL EXPERIENCE

Mastercard, Enterprise Monitoring

O'Fallon, MO

Software Engineering Intern

May 2019 – Aug 2019

- Developed web application that allow teams to sign up for monitoring alerts for a full file systems (**PHP,HTML**)
- Integrated the tool with event management for monitoring requests from file systems (**UNIX/Linux**)
- Created an audit log database used **MySQL**
- Learned and completed **Splunk Core Certified Power User** training
- Hackathon Project: Designed a prototype for a Financial Literacy Application - **Winner**

University of Illinois, NetMath

Urbana, IL

LaTeX Software Editor

Aug 2018 – Aug 2019

- Developed manuscript using (**LaTeX**) ensuring accuracy and consistency of mathematical analysis
- Tested and optimized older manuscript

University of Illinois College of ACES

Urbana, IL

IT Desktop Support Specialist Level II

Dec 2017 – Aug 2019

- Administered and provided technical support of applications and hardware used in offices and classrooms
- Assisted faculty, staff and students in solving a wide range of technology troubleshooting problems
- Upgraded existing software(s) with a newer platform using Microsoft System Center Configuration Manager

PROJECTS

Operating System (Dec 2019): Worked in a team of 4 people. Developed a basic functioning operating system. (**C** and **x86**)

Financial Literacy Application (Aug 2019): This application from Mastercard will serve as a Financial Wellness Coach in a tap. By arming consumers with instant access to financial knowledge, it takes the stress out of money, budgeting, debt, and personal financial decisions so they can be more intentional about their money

Brick Breaker Game (Dec 2018): Utilized (**System Verilog, C**) to design an interactive game based upon the classic game brick breaker. The object of brick breaker is to break the bricks that are distributed around the top of the game screen. The bricks are broken after coming in contact with a ball that bounces around the screen

Arduino Controlled RC Car (Jun 2017): Designed and tested a vehicle using the following elements: **Arduino**, DC motors, mechanical bumpers, and line follower. Programmed **Arduino** using (**C**) to monitor signals from bumpers and line follower to help the vehicle navigate through a course

MiPie, Mhacks 9 (Hackathon) (Mar 2017): Co-created a micro investing slackbot to allow users to buy pieces of stock by using slack API (**Python, C++**). **Won the best hack prize by 1517**, an early investor that funds ideas of young makers

HONORS/AWARDS/ORGANIZATIONS

- University of Illinois, Illini Hacker:** Member Aug 2017 – Present
- One Millions Degrees Scholarship:** Recipient, Ambassador, Alumni May 2017 – Present
- Finishing Strong Engineering Scholarship:** Recipient May 2017