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KINZA AHMED
Personal Portfolio

GitHub: kinzaahmed-web
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Education

University of Minnesota, June 2022
- **Degree**: Major in Computer Science, minor in Management
- **Relevant Coursework**: Algorithms, Data Structures, Program Development, Machine Architecture, Economics, and Management

Technical Skills

Programming Languages: Java, C#, C, and Python
Web Technologies & Database: MySQL, HTML5, and CSS
Automated Testing Tools: Selenium, Appium
Bug Tracking Tools: Azure DevOps
Version Control: Git

Work Experience

IT Quality Assurance Automation Engineer Intern, CHS Inc, Inver Grove Heights   **Aug 2019 – Present**
- Created **C#** automation solutions using **Visual Studio 2019** from inception to deliverable for agile development teams to use
- Built and maintained **CI/CD** pipelines to encourage automated quality gates between environments which resulted in faster release times and feedback loops
- Published and managed **NuGet** packages sourced for .**NET Core** projects across the enterprise and published a 150+ page documentation and training around the automation framework

CHS Information Risk Management Intern, CHS Inc, Inver Grove Heights   **May 2020 – August 2020**
- Assisted in building program structure and procedures, used **Visio** to document process flows
- Develop and coordinate risk assessments
- Organized tabletops for the whole of CHS Security to exercise our Data Incident Playbook

IT Client Services Intern, Ecolab, Eagan, MN   **Aug 2018 – Aug 2019**
- Handled 20-30 PC technical challenges a week and troubleshoot solutions
- Managed, set up, and deployed 10-15 PC's every week to new hires all throughout Ecolab

Projects

BudgetTracker: Personal Finance Tracker   **Feb 2021**
- Web Application that allows users to track their income and expenses
- Implemented Back-end with **Django python** framework and developed on the front-end in **HTML, CSS**, and **JavaScript**

Target Store Capacity Tracker: Hackathon   **Aug 2020**
- Selected as 1 of the 40 students from a nationwide pool of applicants for a 3-day intensive program to present a solution for a problem we see in our community.
- Created an android app using **Android Kotlin** integrated with **Google Maps API** that would track store capacity to increase transparency for Target's Guests
- Built framework with **HTML**, **Materialize.css**, and **React.js** to include features like displaying store occupancy with estimated wait times, availability of high demand products pulled from the **SQL Database**, and navigation.
- Won most Technically Challenging award and Overall Winner of the hackathon tech challenge

Personal Portfolio   **July 2020**
- Designed and created a personal portfolio website to show development skills in **HTML**, **CSS** and **JavaScript**
- Added Style Switcher setting for an interactive **User Interface** to switch colors of and switch the theme from light to dark mode

Task Master   **June 2020**
- To-do List program developed using **Python**, utilizing micro-web framework **Flask**
- Implemented open-source toolkit **SQLAlchemy** to provide add, delete, and update task functions