Usman Farooqi

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EDUCATION

DePaul University   Chicago, IL
Bachelor of Science in Computer Science   *Sept. 2020 – Expected June 2023*
- GPA: 3.6

EXPERIENCE

Vi Living   Oct 2022 – Present
Software Developer Apprenticeship   *Chicago, IL*
* Supports in the technical design, coding, and unit testing of custom form/applications, reports, integrations, conversions and enhancement solutions using primarily Microsoft technologies (SQL, SharePoint, PowerApps and Power BI)
* Worked directly with end-users and other system owners to build tangible solutions that fulfill end-user operational and business requirements
* Supported the documentation of technical design specifications and unit test scripts
* Assists in the preparation and staging of test data sets; Executes test scripts and logs related issues
* Participates in the troubleshooting of bugs and issues

Macagain Medical Group   June 2022 – Sept. 2022
Web Developer/ IT Administrator Internship   *Chicago, IL*
* Developed, designed and maintained corporate website
* Incorporated system with google sheets to generate reports and storing data and reports in AWS S3 buckets
* Evaluated different functional requirements and made recommendations for an upgrade in the migration
* Monitored and tracked performance, and made any necessary changes / fixed issues
* Managing system availability in continuity of business and managing the infrastructure

PROJECTS

Pac-Man | *WebAssembly, HTML*
* Developed a full-stack web game with Flask serving a REST API with HTML canvas as the frontend
* Implemented multiple entities within the game with allocated memory
* Implemented collision detection within the game to detect whether the user hits a wall or other entities

Files | *C/C++*
* Developed a multi-threaded server that is able to send a listing of files in a directory, write to a file, delete a file, and spellcheck a file
* Implemented a spellchecker to return misspelled words within a selected file

Factoids | *Rust,HTML, CSS*
* Worked with a REST API in Rust to develop a web-app with HTML in the front-end
* Automated the website to updates everyday with historical events, births, and deaths for the current day

Tetris | *Java, HTML. CSS*
* Participated in Sprints, by completing assigned stories to reach production acceptance criteria
* Participated in a collaborative team to design, develop, and test computer systems using modern development frameworks
* Leveraged Agile software development methodologies to define and review business requirements

TECHNICAL SKILLS

Languages: Java, Python, C/C++, SAS, Scala, SQL, JavaScript, HTML/CSS, Rust
Frameworks: Node.js, AWS S3, WordPress, Yew
Developer Tools: Git, ArcGIS Pro, VS Code, Visual Studio, Eclipse, PowerApps, PowerBI, SharePoint