

Farooq R. Syed

Programmer

An enthusiastic, knowledgeable, and detail-orientated student with strong technical skills and the ability to learn concepts quickly. Candidate actively seeking a full time position in software engineering.

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EDUCATION

- » Jan 2019- Dec '21 **B.S. in Computer Science, College of Engineering**
University of Illinois at Chicago (UIC)
- **Relevant Coursework:** Logic Computer Systems, Systems Programming, Android Studio, Calculus III, Statistics, Linear Algebra, Software Design, Languages and Automata
 - **Activities:** Chess Tutor, Linux Users Group, Association for Computing Machinery



EXPERIENCE

- » Sept 2021- Current **Full-Stack Software Engineer - Part-Time**
TaxAct, Cedar Rapids, IA
- » June 2021- Aug 2021 **Software Engineering Intern**
Fidelity Investments, Durham, NC
- Worked in Snowflake (cloud computing databases) more specifically detecting anomalies in Snowpipe when files from an AWS S3 bucket were automatically passed through the pipeline.
 - Established a new CI/CD Pipeline with Jenkins for the whole team with regulated environments so deployment process is easier and faster from end to end.
- » Jan 2021- Current **Teachers Assistant**
University of Illinois at Chicago (UIC)
- TA for Software Design - JAVA, a 300-level class
 - Assist students during office hours with things such as software design principles, debugging, and practices, etc.



PROJECT EXPERIENCE

Divvy: Chicago's Bike Sharing - Java

- A program to analyze data from Chicago Divvy bikes
- Used Dijkstra's algorithm to find the shortest path to a station based on latitude and longitude

Baccarat Game - Java

- A classic casino game with animations and transitions created in JavaFX
- Server and client threading, playable through multiple computers using ip and port address

Basic Unix Shell - C

- Shell supported input/output redirection, piping, user input signals, and background status info



SKILLS

» C | C++ | F# | C#

» Python & Javascript

» HTML/CSS

» SQL

» Java & JUnit

» Groovy & Shell

» Rust

» Express, Node, & React.js



Proficiency

Snowflake IntelliJ

Jenkins Kubernetes

Docker Android Studio

Visual Studio Postman

Git SQL: Workbench

Agile Development



LANGUAGES

» Urdu (native)

» Arabic