Rahi Rahman

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EDUCATION

New Jersey Institute of Technology — Newark, NJ
B.S. in Information Technology, Minor in Computer Science — *Expected Graduation: December 2024*
Network & Information Security Specialization

Relevant Coursework: Computer Networks, Linux System Administration, Ethical Hacking For Sys Admins, Web Applications, Computer Systems Security, Data Structures & Algorithms, Database System Design, Principles Of Operating Systems, IT Project Management

PROJECTS & EXPERIENCE

Song Lyric Web Application — April 2024
PHP, HTML, SQL, JavaScript — *Project*
- Developed web app to search and fetch lyrics to specified song fetched from external API and displayed to user
- Website structured with HTML. Styled with CSS and Bootstrap framework. Server-side data handled with PHP. Client-side form validation with JavaScript
- Implemented features including user accounts, profiles, roles, user API data association, and basic security/authorization
- Created SQL database to store user data, user roles, and API data

AWS Serverless Website — December 2023
HTML, CSS, Python — *Project*
- Utilized AWS Resources including IaM, DynamoDB, Lambda, S3, Cloudfront, Route 53 to create a serverless website to host resume
- Wrote Python Boto3 Lambda function to interact with DynamoDB NoSQL database
- Deployed infrastructure as code with Terraform
- Setup S3 static website with CI/CD pipeline built with Github Actions

Three Part Code Compiler — May 2022
C++ — *Project*
- Developed Lexical Analyzer, Recursive-Descent Parser, & Interpreter to form a compiler for a small Pascal-Like Simple Language (PLSL)
- Top down parser built with grammar rules defined by EBNF notations
- Parser handles declarations, assignments, control structures
- Lexical analyzer (lexer) tokenizes user input text (keywords, identifiers, etc.)

Third Party Independent Courier — August 2020 – December 2023
DoorDash — *Experience*
- Promptly and accurately handled over 1,000 deliveries, while ensuring all safety and handling regulations are followed.
- Utilized digital delivery platforms in order to organize the acquisition and drop off process for deliveries.
- Resolved issues and miscommunications between clients and merchants

TECHNICAL SKILLS

Tools & Technologies: Git, Visual Studio Code, AWS, Docker, Virtual Machines
Languages: Python, C, C++, PHP, JavaScript, HTML/CSS, SQL
Operating Systems: Windows, Linux (Ubuntu, Fedora, Kali), MacOS