Umair Iqbal

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https://github.com/Umair-Iqbal-debug

EDUCATION

Stony Brook University
Bachelor of Science in Computer Science, May2024
GPA: 3.60
Major GPA: 4.0

EXPERIENCE

Software Engineer Intern | The Davey Tree: *Jun 2022- present*
- Developed internal front-end application for the creation and maintenance of Business partners using SAPUI5 (Javascript UI framework)
- Refactored JS promises to async await and other features to ES6
- Improved web application performance by writing concise select queries in oData read calls
- Developed API to fetch Business partner information and set the client side data model accordingly.

RELEVANT COURSES

Data Structures & Algorithms, Intro to Software Development, Object Oriented Programming
Computer Architecture, Programming Abstractions, Discrete Math, Probability & Statistics

PROJECTS

Employee Expense Tracker Android App (Java, XML, Android studio,Shared Pereferences)
   Descriptions: It is an expense tracker app, custom tailored to my father's need as an Elevator Engineer.
   Demo: https://github.com/Umair-Iqbal-debug/Expense-Tracker-Android-App/tree/master
- Users can keep track of their expenses along with its category and date
- An Expense report can generated in a pdf form which can be shared via email or any form
- **Model-View-Controller** Design Pattern, RecyclerView & CardView

Text Editor (Java, JavaFX, CSS)
   Descriptions: I created this as my final project for my data structures class. Along with the basic text editor features it also comes with a Markov-Text Generator which is capable of processing text files of 600k words efficiently and generating text that resembles it.
   Demo - https://github.com/Umair-Iqbal-debug/Text-Editor---JavaFX/blob/main/README.md
- **Model-View-Controller** design pattern
- dynamic spell-check and input validation
- Edit and create text files
- user authentication

Skills

- Languages: Java, HTML, CSS, JavaScript, Python
- Technologies: SQL(familiar),MongoDB,Node, React, Git, GitHub, VSCode