

UMAIR IQBAL

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github.com/umair-lqbal-debug

EDUCATION

Stony Brook University

Bachelor of Science in Computer Science

- GPA:3.6
- Dean's List

Stony Brook, NY

Expected May 2024

Suffolk Community College

Associates of Science in Computer Science

- GPA:3.8
- Dean's List

Selden, NY

2020-2022

EXPERIENCE

Software Engineer Intern

June 2022 – September 2022

The Davey Tree Expert

Kent, OH

- Co-led the development of a front-end app which was deployed on the SAP Fiori Launchpad and is being used **by more than 500 people** across USA and Canada.
- Refactored JavaScript promises to async await and other features to ES6
- **Improved web application performance by 5%** by writing concise select queries in oData read calls
- Developed API to fetch Business partner information from backend server and set the client side data model, **leading to increase in code readability, ease of debugging and ease of maintenance.**

TECHNICAL SKILLS

Programming Languages/Tech: Python , Java , JavaScript, C, HTML5, CSS3

Frameworks: React, SAPUI5, Express

Developer Tools: Git, GitHub, VScode

Database: MongoDB, MySQL, SQL

Courses: Data Structures & Algorithms, Object Oriented Programming, Intro to Software Engineering, System Fundamentals

PROJECTS

Playlist | MongoDB Express React Node — demo

Fall 2022

- A full-stack responsive web app, basically instagram for youtube playlists. You can like, dislike and comment on public playlists
- Implemented user authentication using BCrypt and authorisation using JWT
- Password hashing and salting
- YouTube I-Frame API integration with react component.
- React Hooks and Context API.

Employee Expense Tracker Android App | Java, XML, Android studio — demo

Summer 2021

- Users can keep track of their expenses along with its category and date
- Model-View-Controller Design Pattern, RecyclerView & CardView
- It is an expense tracker app, custom tailored to my father's need as an Elevator Engineer
- Generate expense invoice PDF using iText library
- Material Design

Text Editor | Java, JavaFX, CSS — demo

Fall 2021

- Model-View-Controller design pattern and OOP design
- dynamic spell-check and input validation
- Edit and create text files
- user authentication
- 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.