Daniel Eap

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EDUCATION

Temple University, Philadelphia, PA — GPA 3.82
Bachelor of Science, Computer Science — Expected Graduation: June 2024

RELEVANT COURSEWORK

Data Structures and Algorithms, Systems Programming and Operating Systems, Computational Probability and Statistics, Software Design, Web Application Development, UX Design

TECHNICAL SKILLS

Languages: Java, C, JavaScript, HTML, CSS, C#, Python, SQL
Operating Systems: MacOS, Windows, Linux(Ubuntu)
Software Technologies: Visual Studio Code, Visual Studio, Git, GitHub, Microsoft Power Platform, Microsoft SQL Management Studio, ASP.NET, Bootstrap

WORK EXPERIENCE

Pennsylvania Treasury Bureau of IT — Remote | June 2023 - August 2023
Information Technology / Software Development Intern

- Developed an internal dashboard with frontend using javascript and backend using C# and SQL, utilizing ASP.NET framework with MVC design pattern used for data processing and security measures.
- Created proof of concept using Microsoft Power Platform to automate processes in the organization and eventually transitioned into production.
- Documented comprehensive procedures for GitHub usage and helped to transition existing codebase to GitHub.
- Conducted extensive testing for application functionality and performance for embedded kiosk systems.

Temple University — August 2023 - Present
Peer Tutor - Computer Science

- Conducted sessions with peers providing guidance for all computer science degree material.

Starbucks Corporation — May 2019 - June 2020
Barista and Trainer

- Worked in a team environment and communicated with colleagues in order to craft food and drink products that achieved company and customer health, safety, and quality standards in a timely manner.
- Trained five new employees through coaching and demonstration of the duties that were expected for the job. Coordinated how to function within the team.

TECHNICAL PROJECTS

Color Blindness Image Enhancer

- Hackathon project: Collaborated with 3 teammates and created an award winning project. Worked in python using numpy and tkinter to create a user interface to achieve inclusive education for people with color blindness through picture alteration.

Mock Shell

- Used C to create a variation of the bash shell to process capabilities of bash such as redirection, piping, and background processing to function within a Unix environment.

Sudoku Solver

- Coded methods to create a recursive backtracking algorithm in order to solve a sudoku board in the form of a two-dimensional array using Java.

AFFILIATIONS

Association for Computing Machinery
Health Without Boundaries
UNICEF x Temple
Temple University Esports Club
Temple Swinging Owls Jazz Band