Jason Fan

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SKILLS

- **C#, Python, Java, C/C++, .NET, Visual Studio, Django, SQLite, SQL, JavaScript, HTML**

EDUCATION

Boston College   **May, 2024**
B.S. in Computer Science   *Chestnut Hill, MA*
- Dean's list Second Honors for three semesters.

WORK EXPERIENCE

Johnson Controls   **May, 2023 - August, 2023**
Software Engineering Intern   *Westford, MA*
- Implemented thousands of status configurations into a SQLite database for a Next Generation Fire Panel. Designed unit tests and utilized DB Browser to validate changes.
- Developed and repaired numerous features and defects in both the frontend and backend by leveraging **.NET** framework and debugging capabilities in Visual Studio.
- Validated thousands of strings between the runtime and the API server database by accessing multiple json files and libraries.
- Collaborated in a scrum team, utilized GIT, Code Collaborator, and Jira.

Johnson Controls   **May, 2022 - August, 2022**
Software Engineering Intern   *Westford, MA*
- Developed and maintained fire panel software in C.
  - Utilized both Windows and Linux VM in order to develop different fire panels.
- Fixed hundreds of warnings and errors flagged by the compiler that caused defects for customers.
  - Utilized Windows, Linux commands, PTC Integrity, communication, and procedural programming knowledge, to efficiently understand hundreds of lines of code.
- Intern Environmental Challenge - Created and presented an environmental solution to convert waste into energy in front of a panel of judges.

PROJECTS

Teacher Assistant Portal
- Deployed TA Portal via Railway utilizing Django and SQLite.
- Provided admin, professor, and student user authentication in order to create, register, and accept students for TA positions.

Weather Website
- Utilized Python, Django, and HTML, to create a weather app. This app makes an API call to get real time weather of a city searched by the user and displays data on a website.