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Justin Hudoka

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Employment

Software Engineer I, BDP International, Allentown, PA **06/06/2022 - Present**

- Further the development of TBL's web application, a logistics support system used by 100s of major businesses and carriers across the United States and Canada
- Use JavaScript and C# to develop, improve, and modernize frontend applications for a cleaner look and a more responsive website design
- Successfully improve and update databases and stored procedures within SQL Server Management Studio
- Develop logic to interact with and communicate between frontend and backend systems
- Implement new web screens, developing and testing frontend and backend logic from scratch

Calculus Tutor Kutztown University, Kutztown, PA **2020 – 2020**

Technical Skills

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- Languages: C#, Html, JavaScript, SQL, Java, Python, C, C++, OCaml, COBOL, JCL, USS
 - Frameworks and Libraries: Razor, React, Node.js, Anaconda, NumPy, Pandas, .NET
 - Tools and Methods: Git, SSMS, Postman, Agile, Zowe, AWS, Linux, Unix, Docker, Doxygen

Projects

IBM Zxplore Course

<https://www.ibm.com/it-infrastructure/z/education/zxplore>

- A learning tool used by IBM Trainees to further understand the languages and systems used by IBM
- Developed skills in Zowe, JCL, USS, COBOL
- Completed courses through the Advance level, earning badges for all courses along the way.

3-Dimensional A* Search – Graduate Level Project

<https://github.com/JustinHudoka/School-Projects/tree/main/final>

- Created a search algorithm which found optimal pathing towards a goal while avoiding “dead” nodes
- Designed for a 3-Dimensional graph that allowed for diagonal movement
- Fully scalable and easy to repurpose for other objectives

Meeting Manager- Full Stack Developer

<https://github.com/aaron3238/meetingmanager>

<https://github.com/aaron3238/mmbackend>

- Worked within a team, using agile methodologies, to develop a google extension for managing recurring meeting links
- Developed programs for both the frontend and backend while using the react library in JavaScript
- Uploaded to the google play store for real world use and application

Portfolio Website – Web Developer

<https://justinbudoka.dev/>

- Developed my own portfolio website using JavaScript, SCSS, and React
- Learn to utilize the React library alongside JavaScript to build frontend and backend logic while further promoting myself and my skills
- Working on the server side implementation using Express and Node

Education

B.S. Kutztown University of Pennsylvania

Major: Computer Science

Minor: Game Development

A.A. Lehigh Carbon Community College

Major: Computer Game and Simulation Development -Digital Arts

Kutztown, PA

December 2021

Schnecksville, PA

August 2019