# Humza Shah

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## EDUCATION

**State University of New York at New Paltz**  New Paltz, NY
*Bachelor of Science in Computer Science*  *Aug 2020 – May 2024*

## EXPERIENCE

**Software Developer Intern**  May 2023 – Aug 2023
*Hubbell Incorporated*  *Boonton, NJ*
- Implemented a pivotal project that empowered both customers and our organization to precisely evaluate the capacity of the Visual Network Management System (VNMS), thereby elevating decision-making processes.
- Utilized the power of C# and .NET technologies to establish seamless communication between our product and customers, elevating the overall user experience to new heights.
- Collaborated with a team of skilled software engineers in Azure and Visual Studio, collectively striving towards meeting project quotas and delivering exceptional results.

**Web Developer Intern**  Jan 2022 – May 2022
*Interact Marketing*  *Poughkeepsie, NY*
- Engineered streamlined web solutions with a focus on efficiency, employing minimal HTML and CSS for enhanced simplicity and optimal performance.
- Improved client web page growth by 30% through search engine optimization techniques.
- Implemented and utilized information from Google Analytics to enhance web pages.
- Created location pages that increased revenues and traffic using targeted keywords.

## PROJECTS

**Question Answer System** | *Python, JavaScript, SQL, BERT Model, PHP*  Aug 2023 – Dec 2023
- Utilized SQL Tables and advanced Query Systems to design and implement a robust Question-Answer model.
- Designed and implemented a sophisticated machine learning model leveraging Web Crawlers to precisely gather and present user-requested information.
- Collaborated with team members, resulting in a successful deployment that not only met technical specifications but surpassed user expectations.

**Workout Tracker** | *Vue, MongoDB, React, TypeScript, GitHub*  Jan 2023 – May 2023
- Developed a cutting-edge Workout Website that employed the power of reactive programming frameworks like Vue and React while harnessing the capabilities of Mongo DB for secure and efficient storage of user information.
- Leveraged the versatility of Typescript and Vue to successfully develop and integrate a fully functional client and server-side architecture, ensuring a robust and seamless user experience.
- Showcased exceptional optimization skills by meticulously refining code, resulting in an enhanced user experience through improved performance and streamlined functionality.

**Maze Generator** | *JavaScript, HTML, CSS, GitHub*  Oct 2022 – Nov 2022
- Implemented the Depth First Search Algorithm to generate a random maze.
- Created a visual representation of the algorithm, providing users with a new perspective on its functioning.
- Acquired new skills in HTML and JavaScript that enhanced the quality of my personal portfolio.

**KeyStone Project Manager** | *Unreal Engine, C++, GitHub*  Jan 2022 – May 2022
- Built a project targeting the multi-billion-dollar gaming industry using Unreal Engine, Advanced AI Development, Behavior Trees, and Query Systems.
- Utilized C++ within the Unreal Engine to implement robust features and functionalities, contributing to the development of immersive and dynamic experiences.
- Demonstrated leadership skills that optimized efficiency while maintaining high quality.

## TECHNICAL SKILLS

**Languages**: Java, Python, C#, C++, JavaScript, HTML, CSS, MySQL, TypeScript, LaTeX
**Frameworks**: React, Node, WordPress, Bulma, Vue, .NET
**Developer Tools**: Visual Studio, VS Code, Git, GitHub, Linux, Unreal Engine, Azure, MongoDB
**Relevant Courses**: OOP, Algorithms and Data Structures, Software Engineering, Web Development, Machine Learning