WONHEE LEE

portfolio: whd793.github.io | email: whd793@gmail.com | www.linkedin.com/in/whd793

EDUCATION

PURDUE UNIVERSITY   **West Lafayette, IN**
Bachelor of Science in Web Programming and Design   *Graduated: December 2019*
Relevant Coursework: Advanced Web Programming, Development & Data Integration (PHP, MYSQL, ASP.NET, C#, and the .NET Framework) • Advanced Computer Programming (Visual Studio, C++, Data Structures and Algorithms) • Contemporary Problems in Applied Computer Graphics • Human-Computer Interface Theory & Design (UX/UI) • Internet Foundation Technology & Development (HTML/CSS/JS) • Data Visualization (Python, D3.js)

EXPERIENCE

REPUBLIC OF KOREA ARMY   **South Korea**
Information System Specialist   *November 2020 – May 2022*
- Developed a full-stack library application, substantially improving the accessibility of military library resources with a feature-rich solution encompassing a robust search engine, user authentication, booking/rental functionalities, a user rating system, and personalized recommendations (HTML, CSS, React, Typescript, Java, Spring, MySQL)
- Developed an application and database for an internal search engine that allowed internal teams to search internal documentation
- Designed and implemented a versatile bot, optimizing business operations and delivering insightful reports, leading to streamlined workflow processes

VOODOO.IO   **Contract**
Game Developer   *May 2019 – October 2020*
- Excelled in overseeing the entire system architecture, encompassing both backend and frontend using Unity C# and Firebase, skillfully crafting, maintaining, and enhancing applications while introducing innovative features
- Leveraged data-driven insights to optimize performance, resolve errors, and eliminate bugs, ensuring top-notch user experiences
- Conceptualized and executed both front-end and backend elements for a multiplayer team feature connecting thousands of active users in real-time through innovative WebSockets and REST technologies

POCKAPP GAMES   **Atlanta, GA**
Founder, Software Developer   *May 2017 – May 2019*
- Visionary founder of a mobile application company, with a hands-on approach in leading and managing projects from inception
- Orchestrated project schedules and adeptly performed diverse administrative duties
- Distinguished for designing and developing over 30 mobile games using C#, amassing an impressive 20,000+ installs
- Achieved a remarkable CPI reduction to 0.42, while sustaining a remarkable daily active user retention rate of 48%.
- Pioneered data-driven business strategies, adapting to evolving user preferences and market dynamics

RIFLE AND PISTOL CLUB   **West Lafayette, IN**
Freelance - Full Stack Developer   *January 2019 – April 2019*
- Developed a full-stack application website for the client using HTML, CSS, Javascript, PHP and MySQL, in addition to conducting research, generating reports, and performing trend analysis to optimize the website, implement new features, and enhance the user experience
- Collaborated within an Agile development team to comprehend requirements, design, code, and execute test cases.
- Implemented a rigorous test plan to ensure alignment with design specifications and client satisfaction.
- Maintained close client collaboration, providing valuable technological insights and facilitating seamless requirements gathering.

SKILLS

TECHNICAL SKILLS: HTML • CSS • SCSS • Typescript • Javascript • React.js • Next.js • Redux • Node.js • Express.js • Python • C# • PHP • SQL • MySQL • Postgres • MongoDB • Git • Unity • Java • Unit Testing
OTHER EDUCATION: Zero To Mastery Academy, Linkedin Learning Certificates