

WONHEE LEE

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EDUCATION

PURDUE UNIVERSITY

Bachelor of Science in Web Programming and Design

West Lafayette, IN

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 Operation/Maintenance

November 2020 – May 2022

- Conducted data collection, data entry and data analysis for research projects, databases, and study implementation, analyzed bugs, and developed automation softwares to reduce unnecessary expenses and time
- Monitored, organized, and managed database with 1000+ datasets
- Developed a full stack library application - improved the efficiency of searching books provided in the military library with search engine, login/signup, booking/renting functionality, rating system, and recommendation feature
- Developed an application and database for a search engine that allowed internal teams to search internal documentation
- Developed a bot to automate and optimize business operations and give reports to simplify, automate, and accelerate workflow

VOODOO.IO

Remote

Game Developer

October 2017 – October 2018

- Worked across the entire system architecture, from backend to front end (Unity C#, firebase), to design, develop, and support high quality applications, building and maintaining apps and creating new features
- Collected, analyzed, and interpreted user data and optimized for performance, errors, and bugs
- Designed and implemented the front-end and backend for the multiplayer team feature that connecting thousands of active users in real-time using WebSockets and REST

POCKAPP GAMES

Atlanta, GA

Founder, Software Developer

May 2017 – May 2019

- Designed and developed 30+ mobile games using C# with total installs of 20000+, and optimized games and lowered CPI to 0.42 with daily active user retention rate of 48%
- Founded a mobile application company and led the project from the beginning and executed various project management duties, managing the project schedules, and performed multiple administrative duties
- Came up with business ideas and decisions based on analyzed user data and continually adopted to changes

RIFLE AND PISTOL CLUB

West Lafayette, IN

Full Stack Developer

January 2019 – April 2019

- Researched and generated reports and conducted trend analysis and research on competitors, identifying target markets to help optimize the website, implement new features and modules, and improving user experience
- Collaborated with a team of developers using Agile methodology to understand requirements, design, code, and designed test cases and implemented test plan to verify that the application meets its design specifications, client satisfaction, and other requirements
- Collaborated with clients on a weekly basis, providing technological expertise and requirements gathering

SKILLS

LANGUAGES: English, Korean, Japanese

TECHNICAL SKILLS: HTML • CSS • JS • React • Next JS • Redux • Node JS • Express JS • Python • C# • PHP • SQL • MySQL • MongoDB • Git • Unity • Unit Testing • Frontend • Backend • Full-Stack • Game Development • Data Structures • Algorithms • Mobile

OTHER EDUCATION: Zero To Mastery Academy, Linkedin Learning Certificates