Dongyoung Yang

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Education

University of Arizona, Tucson, AZ   Expected Graduation Date: May 2026
Bachelor of Arts in Computer Science, Minor in Game Design & Development
- **GPA:** 3.9/4.0
- **Honors**: Academic Year Highest Academic Distinction, Dean's List with Distinction
- **Relevant Coursework:** Web Programming, Advanced Web Design, Software Development, Analysis of Discrete Structures

Skills & Certifications

Programming Languages: JavaScript, TypeScript, SQL, Java, Python, C
Frontend Skills: React, Bootstrap, Tailwind CSS, HTML, CSS, SCSS, jQuery
Backend Skills: Node.js, Express.js, MongoDB, PostgreSQL, MySQL
Tools & Platforms: Git, GitHub, MSOffice, Figma, Docker, DigitalOcean, AWS
Languages: Korean, English
Certifications: Front-End Development – Meta, Advanced Web Development – CodePath (In Progress)

Projects

Portfolio Website   **Tucson, AZ**
Responsive Personal Portfolio | React, TypeScript, Bootstrap   Feb 2025
- Developed a responsive personal portfolio using **React** and **Bootstrap** to effectively showcase multiple web projects to recruiters.
- Implemented a mobile-first design to ensure an optimal user experience across all devices and integrated a contact form with **EmailJS** to streamline communication with potential employers.

Web App Game Platform   **Tucson, AZ**
Full-Stack Wordle-Inspired Game | React, Node.js, REST API, MongoDB   Oct 2024 – Nov 2024
- Engineered 90% of the backend services and **RESTful APIs** for a Wordle-inspired game using **Node.js** and **Express.js**, managing a 2,000+ word database to ensure diverse gameplay.
- Refactored and optimized a teammate's **React** components, significantly improving code readability and long-term maintainability.
- Deployed the full-stack application on **DigitalOcean** with an HTTPS certificate, providing secure access for all users.

Lemon Restaurant Website   **Tucson, AZ**
Restaurant Platform | Meta Capstone (React, SPA)   Oct 2024 – Nov 2024
- Developed a responsive restaurant site with interactive menu and reservation features.
- Integrated **Google Maps API** for location services, reducing manual searches for users.
- Implemented **React Router** for smooth navigation, ensuring 0 refresh delays between pages.

Work Experiences

SGA eSPORTS   **Incheon, South Korea**
Assistant Coach & Player   Jul 2020 – Jul 2021
- Analyzed over 100 competitive match datasets using Google Sheets to develop data-driven strategies and identify our team's strengths and weaknesses.
- Collaborated with the team to implement these strategies, leading to a 1st place and a runner-up finish in the Korean National League.

Anyang Manan Police Station   **Anyang, Gyeonggi, South Korea**
Military Service – Social Service Agent   Jan 2019 – Nov 2020
- Improved local security by conducting and documenting over 200 public infrastructure inspections.
- Developed and delivered safety education programs to over 900 elementary students, adapting communication styles to effectively engage diverse audience.