

Jeonghyeon (Jason) Park

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EDUCATION

University of Wisconsin-Madison (<i>Expected Graduation: May 2024</i>)	Madison, Wisconsin
<i>Bachelor of Science in Computer Science (GPA: 3.42/4.0)</i>	Sep 2022- Present
Relevant Courses: Introduction to Algorithms, Introduction to Operating Systems, Building User Interfaces, Data Structures, Machine Organization & C Programming, Introduction to Computer Engineering, Introduction to Big Data Systems, Applied Statistics for Engineers	
University of Missouri-Kansas City	Kansas City, Missouri
<i>Bachelor of Science in Computer Science (GPA: 3.87/4.0)</i>	Aug 2018- May 2020

EXPERIENCES

Capital One	Madison, Wisconsin
<i>Software Engineer Apprentice</i>	Jan 2024- Apr 2024
<ul style="list-style-type: none">Designing and developing of a banking web application with a team of four, focusing on full-stack development using python and Flask for backend integration with the Plaid API, ensuring seamless server-client communication.Conducted Capital One user research to identify shortcomings in the current application, leading to enhanced features for effective money management, including budget tracking and spending habit analysis.Implemented statistical visualization tools within the application, enabling users to access intuitive charts and graphs for financial insights, using JWT for secure data encryption and React for frontend visualization.Managed project's agile software development through Jira & Scrum principles and delivering weekly demos to the corporate clients, showcasing application features.	
CreativeHill Inc.	Seoul, South Korea
<i>Backend & Blockchain Developer Intern</i>	Jun 2023- Jul 2023
<ul style="list-style-type: none">Contributed to the development of the UNICEF Korea website back-end development and was responsible for approximately 40% of the development, allowing users to donate without additional sign-up, utilizing Spring framework.Completed the basic training in Hyperledger Fabric, subsequently creating a its comprehensive manual, which serves for current employees and incoming interns, covering basics of the framework's functionalities.Collaborated in the conceptualization of fundamental APIs for a blockchain-based platform by defining the core APIs that underpin the platform's functionality.	

PROJECTS

CollegeMate: College Community Application	Aug 2023-Present
<ul style="list-style-type: none">Collaborated with a UI designer and team members of 7 to conceptualize a user-centered interface, contributing significantly to app/web design, API documentation, and database schema design.Completed development and integration of five key APIs including authentication, friend management, schedule management, user profiles, and school data scraping, successfully building and completing the backend server infrastructure.Conducted thorough logic testing using Jest on mock data generated from scraped school data to ensure robust application performance, with plans to complete frontend integration and deployment in the near future.	
Portfolio Web Development	Feb 2024
<ul style="list-style-type: none">Conceptualized and executed a dynamic personal portfolio website to showcase projects and expertise effectively.Utilized React, Next.js, and Tailwind CSS to develop a responsive and visually appealing design.Leveraged Vercel for deployment, ensuring optimal performance and accessibility across all devices.	

TECHNICAL SKILLS

Languages: Java, JavaScript, TypeScript, Python, C, R, HTML, CSS, SQL
Framework/Libraries: React, React Native, Node.js, Express.js, Spring, Bootstrap, Jest
Tools/Technologies: Git/GitHub, Jira, Docker, Figma, Hyperledger Fabric, Azure Cosmos DB
Learning: PyTorch, Cassandra, Kafka, Spark