

JaeYoung Chang

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EDUCATION

University of Notre Dame

Notre Dame, IN

- Bachelor of Science in Computer Science, Minor in Engineering Corporate Practice May 2022
- *Relevant Coursework:* Algorithms, Operating Systems, Advanced Databases, Data Structures, Data Science, Computer Architecture, Theory of Computing, Programming Paradigms, Secure Software Engineering

SKILLS

Languages: TypeScript, JavaScript, C#, Python, C/C++, Java, Bash, MUMPS, Arduino, SQL, Swift, Kotlin

Frameworks & Libraries: React, React Native, .NET, Node, Express, MongoDB (NoSQL), jQuery, Redux, Caché

Tools: Git, SVN, Yarn, Agile, Salesforce CRM

EXPERIENCE

Epic Systems

Verona, WI

Software Developer

August 2022 – Present

- Spearheaded multiple projects for Epic's Dermatology Application, overseeing all aspects from design and end-user interviews to full-stack development and post-implementation usability testing
- Developed full-stack solutions to help dermatologists document patients' skin conditions
- Discovered, investigated, and fixed hundreds of bugs
- *Technologies Used:* TypeScript, C#, .NET, MUMPS, Cache, Git

Software Development Intern

Summer 2021

- Prototyped a full-stack solution that shows patients a detailed preview of medical record information requested by 3rd party apps, while adhering to health care data exchange standards
- *Technologies Used:* React, TypeScript, C#, HL7 FHIR, Git

The IDEA Center at the University of Notre Dame

Remote

Jr. Software Engineer in Startup Business Intelligence

Summer 2020

- Built an eCommerce web app equipped with user authentication, product listings, Stripe-payment integration, an admin console, and customizable email notifications
- *Technologies Used:* React, JavaScript, Redux, Node.js

Simon Group Holdings

Birmingham, MI

Technology Project Management Intern

May 2019 – Feb 2020

- Completed an implementation of Salesforce CRM for SGH technology companies in under two months, including data migration from each company's legacy CRM, data security between each company, and feature enhancements

PROJECTS

Swipe & Swing, a Golf Matching Mobile App

Spring 2022

- Launched a golf mobile app that allows golfers to find nearby matches with similar golfing preferences
- Developed features to allow users to swipe and match with profiles, message golfers they matched with, and use a map API to find golf courses and book tee times
- Designed the backend framework to store and return data from a SQL database
- *Technologies Used:* React Native, TypeScript, Python, SQL

Campus Wayzz, a Location Discovery Mobile App

Spring 2021

- Led the development of the entire backend server with APIs, React middleware for the app, and the MongoDB database for all the mobile application's needs
- Implemented an app feature to allow users to create custom, shareable meetups (via link or app) with friends, from which users could see how far others were from their meetup destination via a map API
- *Technologies Used:* React Native, Node.js, Express.js, MongoDB