

JaeYoung Chang

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EDUCATION

University of Notre Dame GPA: 3.705

Notre Dame, IN

- BS in Computer Science, Minor in Engineering Corporate Practice
- *Relevant Coursework:* Data Structures, Algorithms, Operating Systems, Systems Programming, Advanced Databases, Computer Architecture, Logic Design, Theory of Computing, Programming Paradigms, Secure Software Engineering, Data Science, Droid Building, Discrete Mathematics

May 2022

SKILLS

Software Development: React, React Native, TypeScript, JavaScript, Redux, C#, Node, ASP .NET, Express, jQuery

Technical: Python, C/C++, Java, Bash, PowerShell, Git, SVN, Yarn, MUMPS, MATLAB, Arduino, SolidWorks

Other: Agile, Microsoft Office, CRM (Salesforce and Pipedrive), Woodworking

EXPERIENCE

Epic Systems

Verona, WI

Software Developer

August 2022 –

- Overhauling full-stack solutions to help dermatologists collect, document, and track specimens
- *Technologies Used:* React TypeScript, C#, MUMPS

Software Development Intern

Summer 2021

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

The IDEA Center at the University of Notre Dame

Remote

Jr. Software Engineer in Startup Business Intelligence

Summer 2020

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

AeroParts Now (APN)

Remote

Product Management Intern

Summer 2020

- Automated uploading customers' aircraft inventory into the APN Database, decreasing the upload time by 5 hours
- *Technologies Used:* React JavaScript

Mobile App Development

Swipe & Swing

Spring 2022

- Launched a mobile app that allows users to find nearby golfers that potentially match their golfing type (handicap, preferred number of holes, preferred to cart or walk, gimmies)
- Engineered 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

Spring 2021

- Deployed a location discovery mobile application that enable users to find spaces on campus with their friends
- 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 a 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