JaeYoung Chang

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EDUCATION

University of Notre Dame   GPA: 3.715   Notre Dame, IN
- Pursuing a BS in Computer Science (College of Engineering)   May 2022
Minor in Engineering Corporate Practice
- *Relevant Coursework:* Data Structures, Algorithms, Operating Systems, Systems Programming, Computer Architecture, Logic Design, Theory of Computing, Programming Paradigms, Fundamentals of Computing, Droid Building, Discrete Mathematics, Introduction to Embedded Systems

SKILLS

Technical: Python, C/C++, Java, Unix, Bash, PowerShell, Git, Yarn, MATLAB, Arduino, SolidWorks
Software Development: React, React Native, JavaScript, TypeScript, C#, Node, ASP .NET, Express, jQuery
Other: Agile, Microsoft Office, Salesforce, Apex Programming Language

EXPERIENCE

Epic Systems   Madison, WI
Software Development Intern   Summer 2021
- Developed frontend components that allow patients to preview the specific medical records that a 3rd party app is requesting access to
- Developed backend capabilities to fetch a patient's FHIR medical records, adhering to the standard for health care data exchange
- *Technologies Used:* React TypeScript, C#, ASP .NET, Agile

The IDEA Center at the University of Notre Dame   Remote
Jr. Software Engineer in Startup Business Intelligence   Summer 2020
- Developed a marketplace web app equipped with user authentication, product listings, Stripe-payment integration, an admin console, and customizable email notifications
- Implemented upsell-popups on Olüsmile's marketplace web app
- *Technologies Used:* React JavaScript, Redux, Node.js

AeroParts Now (APN)   Remote
Product Management Intern   Summer 2020
- Developed a web app to efficiently upload customers' aircraft inventory into the APN Database, decreasing the uploading process by 5 hours
- Configured APN's Pipedrive CRM with automation, dashboard reports, and feature enhancements
- *Technologies Used:* React JavaScript, HTML, Pipedrive

Selected Projects

Campus Wayzz *(Database Concepts Group Project)*   Spring 2021
- Developed a location discovery mobile application that enable users to find spaces on campus with their friends
- Developed (solely) the backend server with APIs, React middleware for the app, and the MongoDB database for all the mobile application's needs
- Developed a feature to allow users to create custom, shareable meetups (via link or app) with friends
- *Technologies Used:* React Native, Node.js, Express.js, MongoDB

Notre Dame Menu Text App *(Personal Project)*   Winter 2020
- Developed an automated menu texting app that enables users to configure a detailed schedule for menu text notifications, where users would receive automated text messages with the appropriate dining hall menu
- *Technologies Used:* React JavaScript, Node.js, Express.js, MongoDB