JON HUBER

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EDUCATION

Purdue University *West Lafayette, IN*   **May 2021**
3.67/4.00 GPA – Dean's List
Bachelor of Science in Computer Science with specialization in Software Engineering
Certificate in Entrepreneurship

WORK EXPERIENCE

IBM *Full Stack Developer Intern*   **May 2019 – August 2019**
- Collaborated with the Watson Knowledge Catalog UI team in an Agile environment to add features and maintain the Watson Knowledge Catalog on the IBM Cloud, Cloud Pak for Data, and Standalone environments
- Contributed new production-level components to the React frontend, built new APIs for the backend-for-frontend, and corrected design implementation flaws
- Fixed 46 broken Jest unit test cases to help the team identify software problems and ensure product functionality

Pulse Voter *Software Engineering Intern*   **May 2018 – August 2018**
- Worked with a team to develop a website that allows government representatives to view bills currently in Congress, see how people are voting on them, and analyze individual voters in their district
- Added features such as: a REST API, advanced data export, interactive map of voters, bill statistics, and constituent profiles
- Established a website for internal use to streamline large SQL data input and manipulation as a side project

NOTABLE PROJECTS

Halo Wars 2 Discord Stats Bot *JavaScript, Node.js*
- Independently built an online chat server bot, hosted on the Google App Engine, that accesses the Halo API to give players their statistics for the game Halo Wars 2
- Maintained an average of 1000 active users in 10 dedicated communities

Programmers of Catan *JavaScript, React Native, Python, Flask*
- Developed a mobile application that utilizes computer vision, AI, and a custom strategy algorithm to suggest the most optimal opening move for the board game Catan
- Acted as team leader, created the frontend in React Native, and integrated backend algorithms together with the frontend

FitHub Mobile Application *JavaScript, React Native, Node.js, Express, MongoDB*
- Conceptualized, planned, and created a mobile workout companion app using React Native and Node.js in a Scrum-based team for our Software Engineering class
- Gained experience by contributing to the front end of the nutrition, calendar, workout detail, profile, and settings pages

Totally Accurate Chat Server *JavaScript, React, Node.js, Express, MongoDB*
- Made an online chat server that translates every message sent through 4 languages, and then back to English for an open-ended project in Systems Programming
- Set up project structure, implemented the frontend using React, and contributed to the backend socket development

CheckPlease PoS Website *JavaScript, React, Node.js, Express, MongoDB*
- Worked with a team during DemonHacks to develop a cloud-based point-of-sale system using the MERN stack that provides businesses with checkout functionality, a management page, and a transaction log

TECHNICAL SKILLS

Programming Languages: JavaScript/TypeScript, Java, C++, SQL, Python, C
Libraries and Frameworks: React, React Native, Node.js, MongoDB/Mongoose, Angular
Development Tools and Cloud: Git, Google Cloud Platform, Amazon Web Services, IBM Cloud

RELEVANT COURSEWORK

Information Systems, **Software Testing**, Systems Programming, **Software Engineering**, Web Application Development, Computer Architecture, **Data Structures and Algorithms**, Programming in C, Discrete Mathematics and Foundations of Computer Science, Object Oriented Programming in Java