JON HUBER / Software Engineer

(661) 310-4788
hello@hubermjonathan.com
hubermjonathan.com

EDUCATION

Purdue University / Spring 2021
3.71/4.00 GPA - Dean's List
B.S. in Computer Science with a focus on Software Engineering
Certificate in Entrepreneurship and Innovation

Relevant Coursework / Ranked by Importance
Data Structures & Algorithms, Operating Systems, Systems Programming,
Software Engineering, Software Testing

SKILLS

Proficient Languages
JavaScript (React/Redux, Jest, React Native, Node.js), Java, C++, Python, C, SQL

Development Tools
Git, Docker, Amazon Web Services, Google Cloud Platform, IBM Cloud

EXPERIENCE

IBM / Cloud and Cognitive Software Developer Intern   **June 2020 - Present**
> Designed and built a visualizer in React that illustrates the impact of adding or removing a data protection rule to an IBM Cloud asset so that users can make informed decisions about permissions
> Created new Java APIs to perform the calculations that are needed for the impact analyzer
> Updated outdated Java packages and removed unused ones to keep the codebase current and clean

IBM / Full Stack Developer Intern   **May 2019 - December 2019**
> Extended back end API capabilities of the Watson Knowledge Catalog microservice to allow users to manage assets in governance categories
> Contributed new, production-level components to the React front end and corrected design implementation flaws
> Fixed 94 broken Jest unit test cases to enhance software problem identification

Pulse Voter / Software Engineering Intern   **May 2018 - August 2018**
> Worked with an agile team to integrate a REST API, advanced data export, interactive map of voters, bill statistics, and constituent profiles that helped connect voters with their representatives
> Established a website for internal use to streamline large SQL data input and manipulation as a side project

PROJECTS

VLRNT / Personal Project   **June 2020 - Present**
Python, Heroku
> Independently built a chat server bot that accesses the VALORANT API to provide statistics, agent information, the latest patch notes, a community tier list, and more to servers
> Maintains an average of 1600 daily active users in 50 communities

Oculis / HackXD Hackathon Project   **Sep 2019 - Jan 2020**
JavaScript, Python, Flask
> Implemented a Chrome extension that uses natural language processing to read the terms of service and tell users what data is being tracked or sold
> Won first place, most technical, and best UX at HackXD 2019

Programmers of Catan / IBM Hackathon Project   **July 2019**
JavaScript, React Native, Python, Flask, IBM Cloud
> Developed an application that utilizes computer vision and machine learning to suggest the most optimal opening move in the board game Catan
> Acted as team leader, created the front end in React Native, and integrated back end algorithms with the front end