

**JON HUBER / Software Engineer**

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## **EXPERIENCE**

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### **IBM / Full Stack Developer Intern**

**May 2019 – December 2019**

- > Extended backend API capabilities of the Watson Knowledge Catalog microservice to allow users to manage assets in governance categories
- > Contributed production-level components to the React frontend and corrected frontend design implementation flaws
- > Fixed 94 broken Jest unit test cases to help identify problems

### **Pulse Voter / Software Engineering Intern**

**May 2018 – August 2018**

- > Worked with an agile team to create a platform for voters to connect with their representatives
- > Integrated 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

## **PROJECTS**

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### **Oculus / HackXD Hackathon Project**

**Python, Flask, JavaScript**

- > 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**

**Python, Flask, JavaScript, React Native, 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 frontend in React Native, and integrated backend algorithms with the frontend

### **Halo Wars 2 Discord Stats Bot / Personal Project**

**JavaScript, Node.js, Google Cloud Platform**

- > Independently built a chat server bot 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 communities

## **OBJECTIVE**

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**Junior** studying **computer science** with a specialization in **software engineering** looking for a **full-time position** (starting in the summer of 2021) where he can apply his experience in **backend development**

## **EDUCATION**

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### **Purdue University / Spring 2021**

3.70/4.00 GPA – Dean's List

B.S. in Computer Science with a focus on Software Engineering

Certificate in Entrepreneurship and Innovation

### **Coursework / Ranked by Importance**

Data Structures and Algorithms

Operating Systems

Systems Programming

Software Engineering

Software Testing

Information Systems

Web Application Development

Computer Architecture

## **SKILLS**

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### **Languages / Ranked by Preference**

Java

JavaScript (React, React Native, Node.js)

C++

Python

SQL

### **Development Tools**

Git

Docker

Kubernetes

Google Cloud Platform

Amazon Web Services