

Matthew Fox

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EXPERIENCE

SPINS LLC., Chicago—*Software Engineer*

April 2020 - Present

- Built an api that maintains a central source of truth for company wide authorization of users and internal applications
- Worked on an application which catalogs product data of various distributors and retailers
- Worked on a microservice that stores images of products in Google Cloud Storage
- Primarily used Spring Boot (Java/Kotlin) and React for projects

FIS, Milwaukee —*Programmer Analyst Intern*

June 2019 - August 2019

- Converted a internal Visual Basic app into a ASP.NET MVC web app
- Was able to demo every two weeks to stakeholders for feedback
- App provided multiple services related to product, client and distributor information for banks
- Converted app because the stakeholders (sales and devs in department) wanted to access it more easily, and the original app was filled with errors and bugs that would cause performance issues
- Reverse engineered original app through analyzing VB code and using SQL Tracer to migrate business logic
- Stakeholders were able to use the converted application which has better UI design and efficiency

UW-Milwaukee, Wauwatosa— *Undergraduate Research*

June 2018 - May 2019

- Developed software for a biomedical engineer lab researching subjects with mobility impairments
- Produced a report generator that outputted pdfs which graphically represented lab data, used C# and Matlab. Used by lab manager to discuss data with fellow researchers

SKILLS

- React
- Spring Boot
- Testing Libraries (Jest, Enzyme, JUnit, Cucumber)
- OOP/ Functional Programming
- REST/ GraphQL
- DevOps Tools (Git, Concourse, GCP)

LANGUAGES

- Java
- Kotlin
- Javascript
- HTML & CSS
- MySQL/Postgres
- Python

EDUCATION

UW-Milwaukee, Milwaukee, WI — *Computer Science*

September 2016 - December 2019

Computer Science

GPA: 3.6

PROJECTS

Budget Tracker —Python (Flask), React Native

Created a Rest Api utilizing Flask and a mobile frontend with React Native. This project's creation was inspired due to the time consuming work of tracking my spendings and savings through excel sheets. Processes CSV file data from my online banking into an easily digestible android app.

