Christopher Faxon

Andover, Massachusetts, United States ✉ FaxonChristopher@gmail.com ☐ (203) 836-1858

in https://www.linkedin.com/in/christopher-faxon-93758a1a9/

EXPERIENCE

Software Engineer
InterPro   June 2022 - February 2024, Stoneham, MA
- Full-stack Software engineer for Enterprise Asset Management mobile apps.
- Developed new mobile app features using Angular, TypeScript, JavaScript, and Java, improving technician field operations' efficiency and accuracy.
- Developed matching online and offline functionality, thoroughly testing all code written.
- Automated internal issue tracking systems utilizing Python, resulting in a reduction of over 500 hours per year.
- Developed features for work planning app utilizing AWS DynamoDB, AWS Lambda functions, and Microsoft Graph API to mirror work plans between InterPro's planning app and Microsoft Planner.

Software Engineer Intern
Broadridge Financial Solutions   May 2021 - August 2021, New York, NY
- Collaborated with the Shadow Financial team to enhance the back-office trading software for global brokerages
- Handled numerous Jira tickets reported by end users to resolve UI, backend, and database bugs
- Enhanced logging system for the entire software suite, optimizing issue review process for end-users by reducing log loading and searching time by 90%

Software Engineer Intern
PrecisionCare Software   August 2020 - May 2021, New Paltz, NY
- Utilized Xamarin and C# .NET Core to develop a cross-platform mobile app allowing healthcare providers to log outpatient visits, resulting in 80% time savings over the previous pen-and-paper method.
- Utilized C# .NET Core to create a Microservice to work with Twilio's Phone API to create a telephony outpatient visit logging system to work in conjunction with the aforementioned mobile app.
- Created a proof-of-concept HIPAA-compliant telehealth app with React.js

PROJECTS

DiffEx (Co-Founder)
diffex.dev · January 2021 - January 2022
- Fully functional financial derivatives exchange for ERC20 cryptocurrency tokens
- Ethereum DApp running jointly on an Ethereum Smart Contract and a .NET C# backend utilizing a PostgreSQL database
- Utilized Entity Framework Core as an ORM system
- Frontend built in React TypeScript, utilizing various UI component libraries

TutorBase
Rensselaer Center for Open Source · https://github.com/DangItJason/TutorBase · August 2021 - May 2022
- Through the Rensselaer Center for Open Source, joined a team of 5 other students to create a peer-to-peer tutoring network for RPI, connecting students with tutors to help them learn.
- Fullstack developer of scheduling interface and notifications system.
- Employed Express.js for backend development, integrating a MongoDB NoSQL database for efficient data management.

EDUCATION

Bachelor of Science in Computer Science
Minor in Economics · Rensselaer Polytechnic Institute · Troy, NY · 2022 · 3.50
- 4x Dean's Honor list
- Member of Rensselaer Center for Open Source

SKILLS

Front end: React, Angular, JavaScript, TypeScript, CSS, HTML, JSP

Back End: Java, Spring, C# .NET Core, Python flask, Express.js

Database: MSSQL, Oracle SQL, DB2 SQL, DynamoDB, MongoDB, SQLite, PostgreSQL