

Indianapolis, IN
(765) 720-4268

Justin Hartman
justinhartman.me

justindhartman@outlook.com
github.com/jdhartman

Education

West Lafayette, IN	Purdue University	Aug 2016 May 2020
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- BS in Computer Science
- Focus in computer graphics
- Certificate in Entrepreneurship and Innovation

Experience

Software Engineer	Bloomerang	March 2020 – Present
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Indianapolis, IN

- Implement features in **Swift**, **Kotlin**, and **C#** for iOS and Android applications.
- Create custom **C#** binding libraries for a payment processing SDK that connects Bluetooth credit card readers to a cross-platform **Xamarin** app.
- Utilize **Jenkins**, **Fastlane**, and **Azure Pipelines** to implement **CI/CD** for internal QA testing.

Software Engineer Intern	PFL	May 2019 – Aug 2019
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Indianapolis, IN

- Designed and made an internal tool using **C#** for automating the process of resubmitting failed messages within **Azure Service Bus**.
- Tool was designed with flexibility to handle any message error defined within its configuration.

Software Engineer Intern	State Farm	May 2018 – Aug 2018
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Bloomington, IL

- Worked on a big data web application, doing full stack development on an agile team.
- Tasks ranged from creating **Python** automation scripts, adding frontend features with **React**, and data manipulation with **Scala**.

Skills

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- Languages: **C#**, **Swift**, **Kotlin**, **JavaScript**, **HTML**, **CSS**, **Python**, **C/C++**, **Java**
 - Frameworks/Platforms: **Xamarin**, **Azure DevOps**, **React/React Native**, **AWS**, **GraphQL**, **MongoDB**, **Firebase**

Projects

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- **Quack** Mobile/Web application for teachers to create quizzes for students to take with their phones in class. Worked primarily on the backend, using a **MySQL** database in **Azure** with a **GraphQL** API. Frameworks and tools used: **Node.js**, **GraphQL**, **Apollo**, **React/React Native**.
 - **Eat Out** Mobile application that lets a group of friends find restaurants based on their individual preferences. Worked on iOS version, utilizing Yelp's API to retrieve restaurant data. Languages and tools used: **Swift**, **Firebase**, **Java**.