

# BARATH KOOTTALA

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## Education

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**University of Illinois at Urbana-Champaign**

*Graduated: May 2020*

B.S. Computer Science + Linguistics

**Leadership Positions:** Illinois Business Consulting Project Manager

**Relevant Coursework:** User Interface Design, Data Structures, Algorithms, Systems Programming, Natural Language Processing, Computer Architecture

## Work Experience

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**JPMorgan – Software Engineer**

*Jul. 2020 – Present*

- Developing functionality for the PaymentNet Mobile iOS App, by writing Swift code that allows clients to view account details and transaction history, create and delete cash and mileage transactions, and improve accessibility
- Programmed a React internal UI tool that allowed users to see the most recent and relevant information for virtual card accounts while communicating and displaying information sent from a Java backend API
- Developed Java code on an agile team where tasks included writing tests, helping with defects, and deployments
- Worked on an 8 month long cooperative nonprofit project, to customize a social media platform that would allow participants in the sports based non-profit to interact with other members virtually during the pandemic

**BP - Software Developer Intern**

*May 2019 – Aug. 2019*

- Created RPA scripts utilizing artificial intelligence OCR bots to parse PDF documents and automate manual information retrieval and processing
- Constructed a Java Application to write data from CSV sheets into a SQL Database utilizing JDBC API

**State Farm - Strategic Resources Intern**

*May 2018 – Aug. 2018*

- Researched emerging tech in the automotive industry and presented findings at a showcase at headquarters

## Projects

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**GitHubProfile App**

*Jan. 2020*

- Wrote a web application that was able to query and present the profile information, followers, following, number of repositories, for a user and present the information. **Used: React Native**

**SongInfoBot**

*Jan. 2019*

- Built a Reddit bot that utilizes Reddit's PRAW API wrapper and Genius.com's lyric API to post related song information upon user request in a music artist subreddit's comment section. **Used: Python**

## Skills

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**Programming Languages:** Swift, Java, React, React Native, JavaScript

**Tools:** Xcode, Git, Maven, IntelliJ, Spring Boot, CI/CD Cloud Foundry Pipeline, Jira, Confluence