

# BARATH KOOTTALA

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## EDUCATION

**University of Illinois at Urbana-Champaign**  
B.S. Computer Science + Linguistics

*Aug. 2016 – May 2020*

## TECHNICAL SKILLS

**Programming Languages:** Java, JavaScript, Swift, React, React Native, Python  
**Developer Tools:** Git, Spring Boot, Xcode, CI/CD Cloud Foundry, JUnit, Jenkins

## WORK EXPERIENCE

**JPMorgan Chase & Co**, Software Engineer – Full Stack, Chicago, IL

*Jul. 2020 – Present*

- Developed Swift code for JPMorgan's new Commercial Card iOS app that allowed cardholders to interact with their corporate accounts, view history, and record new cash/mileage transactions
- Ensured ADA compliance by writing all text field elements to be compatible with screen reader applications, allowing users with visual impairments and disabilities to utilize the app without limitations
- Created a React frontend and Java based backend web app for virtual credit card users to access up to date account information directly from the database, circumventing productivity loss when the legacy web application was experiencing downtime
- Coordinated with the product and design teams on requirements and finalized specs to assure stakeholder requests were met
- Mentored and onboarded 2 new engineers on the team by answering questions, explaining the tech stack, illustrating the version control system on Bitbucket, and teaching the CI/CD pipeline for code deployments and releases

**BP**, Software Developer Intern – Java, Automation Anywhere, Chicago, IL

*May 2019 – Aug. 2019*

- Trained machine learning robotic process automation bots to parse PDF documents for data regarding supplies and materials for oil production, cutting down required time for information retrieval from a document from 2 minutes to 2 seconds
- Constructed a Java Application to parse CSV documents and populate data directly into a SQL Database by utilizing the JDBC API and Opencsv library, eliminating the need to open documents, and manually type information for information transfer

**State Farm**, Strategic Resources Intern – Champaign, IL

*May 2018 – Aug. 2018*

- Researched emerging connected car and automated vehicles and showcased upcoming trends and findings at headquarters; research showed AI preventing human error would lead to large reduction in car accidents that would affect pricing models

## PROJECTS

**GitHubProfile App – React Native, GraphQL**

*Jan. 2020 – Feb. 2020*

- Built a React Native App utilizing GraphQL to query a user and retrieve information including followers, following, and repositories

**SongInfoBot – Python**

*Jan. 2019 – Feb. 2019*

- Wrote a Reddit bot in Python that utilizes Reddit's PRAW and Genius.com's APIs to query for user song requests in an artist's subreddit comment section and comment the song's related information such as lyrics, album, year created, and genre of the music

## ACTIVITIES

**Girls in the Game – HTML, CSS, OBS Studio**, Software Engineer

*Nov. 2020 – Jul. 2021*

- Collaborated with a nonprofit to craft a social media platform allowing 2,500 members to communicate virtually
- Edited web templates using HTML and CSS to customize and cater the web app to the client's vision, emphasizing safety and privacy
- Created an instructional video in OBS Studio for the participants and coaches, highlighting the functionality of the platform and the capabilities for each user, the participant, and the coaches/moderators

**Illinois Business Consulting – Project Manager**

*Nov. 2020 – Jul. 2021*

- Managed a team of 6 consultants on a 5 month long consulting project, setting expectations, guiding development and promoting growth opportunities to engage with the client

## HOBBIES & INTERESTS

Playlist Curation, Vinyl Collecting, Film Photography, Gaming