

SEAN BARBER

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WORK EXPERIENCE

JPMorgan Chase & Co.

Software Engineer

July 2020 - Present

Chicago, IL

- Developing an **iOS** app in **Swift** to display business accounts
- Creating highly **performant** and **scalable** APIs with **Spring Boot** that perform in a mobile setting
- Developing generic **UIKit** elements to create robust and consistent elements
- Handling multiple mobile app and **API** deploy strategies by coordinating with multiple teams

JPMorgan Chase & Co.

Software Engineer - Intern

June 2019 - Aug. 2019

Chicago, IL

- Developed a greenfield **React Native** app to run on **iOS** and **Android** devices
- Interfaced with existing API's to display customer data
- Worked in an Agile team environment
- Prepared and led demonstrations after each sprint

Distributed Autonomous Systems Laboratory

Android Engineer - Intern

June 2018 - Sept. 2018

Chicago, IL

- Created a **Java Android** app that would fly a drone around a farm field and analyze images midflight to identify problem spots within the field
- Reduced on device image analysis time from 90 seconds/image to 3 seconds/image using **RenderScript**
- Required knowledge of Flight Path Planning, utilizing API calls from **Google Maps** and **Dronekit**, and **Android & Java**, and **image analysis**

EDUCATION

University of Illinois at Chicago

BS in Computer Science

Sept. 2016 - May 2020

Chicago, IL

GPA: 3.61

PROJECTS AND LEADERSHIP

MultiText

Feb. 2021 - Present

- Published an **iOS** application to decrease the time to send multiple texts as individual messages through **iMessage** or **SMS**.
- Reduced the time to send messages by 50%

Track and Field Athlete

Aug. 2016 - May 2020

- Focused on improving the team and my abilities on and off the track
- Social Media Chair of Student-Athlete Advisory Committee (SAAC)
- First Place Distance Medley Relay at Indoor Conference 2019
- Third Place 4x400 Meter Relay at Outdoor Conference 2019
- Received the prestigious Avery Brundage Scholarship 2019

TECHNICAL SKILLS

Languages

Swift, Java, React Native, React, SQL, C++

Frameworks and Libraries and Tools

UIKit, Spring Boot, Git, CI/CD, Jira