

# Jordan Field

## Software Engineer

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## Career

*Starling Bank • July 2019 - Present*

Full-stack software engineer working primarily on Starling Bank's iOS app.

Notable projects:

- **iOS Design System**—Lead development on a standardisation of UI components in the iOS codebase under a common architecture, greatly speeding up development of screens and flows.
- **Online Banking security**—Helped envision and develop the security model for the web banking portal, using the phone as an authenticator.
- **Connected Card**—Helped build an innovative feature in record time during the pandemic for individuals self-isolating, allowing them to give restricted debit card to a friend or family member to make payments on their behalf.
- **Bulk Payments**—Worked on server APIs and corresponding mobile flows for a bulk payment feature for business, greatly speeding up the process of paying employees or suppliers.
- **Personal Onboarding**—Built mobile flows that captured critical compliance information, dynamically changing the UI based on the answers to previous question.
- **Business Onboarding**—Helped develop a server-driven business onboarding flow, implementing dynamic branching question paths based on the type of business and responses to previous questions.
- **Feature Flags**—Revamped the feature flag system for the Starling iOS app, increasing release safety by ensuring features marked as “Work in Progress” can never be enabled in production.
- **Accessibility**—Lead development on a multi-year project to increase the accessibility of the Starling iOS app and became the de facto authority in this area internally, leading training courses on how to use and support VoiceOver and other Accessibility features.
- **Birdsong**—Researched and developed an in-house cross-platform short-distance data broadcast framework, using WiFi and Bluetooth Low Energy to ensure the proximity of two phones during critical onboarding flows.

## Education

*The University of Warwick • October 2017 - June 2021*

**BSc Computer Science (With Intercalated Year)—First Class Honours.**

**Dissertation Project—*ether: A Gestural Musical Interface Using an iPhone Camera***

Used computer vision techniques to track hand movements, converting them to MIDI signals for use in Digital Audio Workstations. Overall score of 80 out of 100 points.

## Skills

*Software engineering*

Professional experience

**Swift**                      UIKit                      RxSwift                      RealmSwift                      Core Bluetooth

**Java**                      Jackson                      RestEasy                      PostgreSQL

Academic experience or self-taught

**Python**                      Django Framework                      **Objective-C**                      Core MIDI                      Vision Framework

*Spoken Languages*

**German - High B1-low B2 (Uncertified)** knowledge in at time of writing. Currently receiving tuition with the intent to achieve certified conversational level in the next 9-12 months.