

Jake Podell

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Education & Relevant Coursework

Cornell Engineering

December 2018

- Major: Computer Science
- Magna Cum Laude
- GPA: 3.75
- Coursework: Distributed Systems, Artificial Intelligence, Embedded Systems, Honors Data Structures in Java, Analysis of Algorithms, Theory of Computing, Discrete Mathematics, Functional Programming

Awards

- Dean's Honor List: Spring 2016 - Fall 2018
- Second in overall competition: 2018, 2017 Student Unmanned Air Systems Competition
- Second in mission: 2016 Student Unmanned Air Systems Competition

Experience

Facebook: Software Engineer

React, Hack, Python

July 2019- Present

- Reimagined and implemented Facebook's internal integration with the Ax open source library for sequential field experiments, resulting in a 52% year over year increase in product usage
- Redesigned and improved visual consistency of our experiment result visualizations across our various platforms (UI, python notebooks, etc.)
- Integrated suggestions for field experiment allocation throughout multiple internal experimentation tools

Facebook: Jobs Team SWE Intern

React, Hack, React Native

May- Aug 2018

- Developed an application tracking system for businesses on Facebook to organize and track applicants
- Created and wrote integration testing for a backend connection from pages to job applications
- Built and integrated a view for users to see upcoming and completed interviews in the mobile jobs browser

Shopkeep: SWE Intern

React, Ruby on Rails

May- Aug 2017

- Used Ruby on Rails to build a Json-API for verifying merchant applications
- Handled SOAP communication from our server to a third party payment processor
- Built the React front end where users create and update their merchant accounts

SALT: iOS SWE Intern

Swift, Node.js, Objective-C

May- Aug 2016

- Designed and implemented a "connect to friends" feature which accesses the user's address book to find contacts with Salt accounts
- Implemented a front end redesign to allow users to see comments from their friends
- Eliminated our Objective-C dependency by translating files to Swift

Nickelfish: SWE Intern

React, Hack, React Native

May- Aug 2015

- Lead the development of a promotional web application for Michael Kors' website. Users upload pictures and videos of themselves, and overlay the uploaded media with Kors apparel
- Redesigned the UI for Prudential's QMA website to optimize for mobile formats
- Broadened our CSS and Javascript compatibility across multiple devices, operating systems, and browsers

Languages

Primary

- React, Javascript, Hack, PHP, HTML, CSS, Java

Familiar

- React Native, Python, SQL, Objective-C, Swift, Bash