

Jack Weber | Software Engineer

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Education

University of Kansas — B.Sc. Computer Science — Expected Graduation: May 2019

- GPA: 3.6

Experience

Mobile Software Engineer — Service Management Group — May 2018 - Current

- Internship throughout the summer then hired part-time for the school year.
- Worked on new features and bug fixes for their flagship app, smg360, used by several multi-billion dollar companies for survey analysis.
- Played a major role in the creation of the Survey Framework MVP for iOS, a framework that allows clients to add a survey to their existing app.
- Worked on an app with over 500,000 downloads, SurveyMini. I have begun work refreshing the UI and have converted some of the legacy Objective-C to swift while fixing major bugs.

Web Developer — The Tasty Web — Aug 2016 - Mar 2018

- Co-founded a freelance web development startup with a friend and classmate.
- Gained experience working with clients, working on a team and creating a business model.
- Created a website for a local salon that is still being used two years later.
- Created POCs for a news aggregator in Ruby on Rails and a playlist generator using React.js.

Projects

AR Geo Guesser — ARKit & Swift — github.com/jackdweber/ARGeoGuesser

- Collaborated on this project during the Hack Midwest Hackathon.
- Uses ARKit to display 3D models of national park terrain and has the user guess which park it is.
- Implemented user authentication to keep track of leader boards.

YCNews — Swift — github.com/jackdweber/YCNews

- iOS app that wraps the API for Hacker News.
- Parses comment data into a tree so that it can be used in a single dimensional tableView.

2D MRI Projection Creator — CUDA — github.com/jackdweber/MRI_2D_Projection_Creator

- Application that takes in raw 3D data and converts it to user defined 2D projection.
- Takes advantage of the CUDA grid to calculate the max or average value for a single dimension.
- Implements common multi-threading concepts such as barriers, queues, and 3D grid delegation.

Technical Skills

Languages

Swift

JavaScript

C++

Objective

HTML + CSS

Python

Java

Haskell

Frameworks and Tools

Cocoa Touch / XCode

React Native

Android