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Education

Bachelor of Arts, Computer Science '17

Grinnell College, Grinnell, IA, USA

Computer Science GPA: 3.94 - Cumulative GPA: 3.54

Experience

SOFTWARE ENGINEERING INTERN, KIFI MAY 2015 - PRESENT

Kifi is a knowledge curation platform that helps individuals and organizations discover, retain and collaborate on information.

- Implemented an image carousel view that fetches images from the Flickr API asynchronously, allowing real-time image selection. Image picking rates grew by 16% on Android due to this feature.
- Developed caching infrastructure using MapDB and Bolts to be used throughout the app, reducing load times by up to 90%.

SOFTWARE ENGINEERING INTERN, INGRAIN. JUNE 2014 -AUGUST 2014

Ingrain is a video monetization framework that allows the placing of individually targeted ads into video.

- Developed an Android demo for Google I/O 2014 and an alpha version of the android SDK. 80% of code is still in production.
- Redesigned the <u>Groopic</u> Android app by Ingrain, which has 500,000 users, to accommodate Android L's material design philosophy.

LEAD ANDROID ENGINEER, APPDEV, GRINNELL COLLEGE. 2014 FEB-PRESENT

Appdev is a mobile development group that develops applications to help the Grinnell College community.

- Maintain and oversee 6 Android applications with over 1,000 daily users. Received \$150,000 from the college after winning the Innovation Fund.
- Manage a team of 5 Android developers and mentor new hires.
- Work on Android projects, such as <u>G-licious</u> (a personal dining hall assistant) and <u>Grinwell</u> (an app created for the Grinnell Wellness Challenge), and release them on to the Play Store.

Projects

ScheduleX

A scheduling application in Java with a Swing UI for the midwest conference.

Grant Application Management

A Ruby on Rails app that handles grant applications for the Poweshiek county.

Scrabble in C

A program written in C that allows you to play Scrabble.

Skills

Proficient in Java, Scheme, C.

Knows Ruby, Ruby on Rails, HTML, CSS, Javascript, Python, Swift

Skilled in Android Studio, Eclipse, JUnit, Mac OS X, Git, Linux, JSON, Sketch, IntelliJ, Agile.