







Gilbert Russell Ladd V
 University of Michigan Class of 2018
 College of Engineering Computer Science

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 **Photographic Apps Intern**
 iOS Photos UI Prototyping

Summer 2015

Apps

6 years of iOS development experience



Synapsia

2013

Leverages iPad to improve upon paper assignments. Teachers create multiple choice and matching assignments that students work through. Configurable for practice, homework, and testing. Automatically enables Guided Access during testing. Presented at Florida Education Technology Conference. Syncs with Parse. Consists of over 20,000 lines of code. [Download...](#)



MHacks 6

2015

Official attendee app for U-M's hackathon. Uses advanced UICollectionView layouts and push notifications. [Download...](#)



Pour

2014

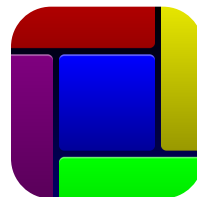
Pour colorful balls between devices. Uses Sprite Kit for visuals and Multipeer Connectivity for networking. [Download...](#)



Polyfactor

2009

Factors polynomials. Features a scrolling UITextField for input with a custom keyboard. Built my own factoring engine. [Download...](#)



Blatch

2011

Original puzzle game. Renders with Core Graphics and Core Animation. Supports Game Center. [Download...](#)

Objective-C

Swift

C++

HTML

JS

Language experience in proportion.

Activities

Michigan Hackers 2014 - Present

- Developed MHacks V & 6 iOS apps
- Gave a Tech Talk on Swift
- Gave a Tech Talk on iOS and Core Data
- Mentored beginning iOS developers

CAEN Software Developer 2014 - 15

- Improved MCam lecture recording iOS app
- Developed CAENCheck room maintenance app

Track & Cross Country Varsity Captain 2012 - 14

- Helped found Birmingham Harriers 5K race
- Directed practice

Academics

University of Michigan Engineering 2014 - 17

- Computer Science Major
- 3.9 GPA
- Designed a simple processor in Verilog

Seaholm High School 2010 - 14

- 4.0 GPA
- Elementary Chinese

Address

1253 Twin Maples Lane
 Bloomfield Hills, MI 48301 [Map...](#)