

# ARCHIT RATHI

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## Education

University of Florida: Bachelors in Computer Science and Statistics, 3.5 GPA, 2018

## Work Experience

### Florida Blue— Software Development Intern

08/2016-Present

- Offer given by CIO after performance as summer intern
- Constructing a neural network using Python, sklearn, and other technologies to improve the experience Care Advocates give to users

### Florida Blue— Software Development Intern

05/2016-08/2016

- Used D3 w/ React to create a portal business leaders across the corporation could use to examine business cases
- Worked directly under the CIO to improve the efficiency of the onboarding process: focus groups reported that time was reduced from 45 minutes to 20
- Experimented with Oculus Rift and Google Glasses for potential use cases in health care

## Projects

**Solvr** - <http://solvr.bitballoon.com/>

A program that uses advanced algorithms to solve any sort of linear or quadratic equation. Delivers not only the answer to these equations, but also step by step solutions. Built using JavaScript.

**Face Detection** – <https://github.com/progdude/COP3503-Final-Project>

Used the FisherFaces algorithm in OpenCV with C++ to create a security program that only unlocks if it recognizes the user's face

**KodeWorld** - <http://kodeworld.com/>

Project that teaches students how to code HTML, CSS, and JavaScript all in the browser. Built using technologies such as Node.js, Express, AngularJS, and MongoDB. At it's height taught around 500 students. (MEAN Stack)

**Drawr** - <https://goo.gl/6Xe20X>

An iOS application that allows the user to draw a picture in the place of a keyboard and then send it as a text message. Made with Swift and CoreGraphics.

**SchoolScoop** - <http://www.catapultincubator.org/>

- Programmed the Ruby on Rails backend for the website that at it's peak, was used by over 3000 users.
- Held and organized business meetings with education professionals in the Boston area to sell them our service.
- An initiative of Catapult Incubator (exclusive program held at Harvard that helped students create their own company)

**CodePath University** - <https://github.com/andreiyugurau/TracMe>

Created an iOS app as an initiative of CodePath University scholar student, an exclusive program that teaches college students the same skills they would teach to developers at major companies such as Google and Dropbox.

## Extra-Curricular Activities

### UF ACM Webmaster

Redesigned site and added many new and innovative new features such as a resume repository, where companies can access the resumes of certain students, and a coding tutorial, which taught new programmers how to code

### UF Hackathoners

Attended seven hackathons over the course of a year. Three of those seven hackathons, my team and I were selected to move on to the final stage and present.