ARCHIT RATHI

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WORK EXPERIENCE

Florida Blue— Data Analyst 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

SchoolScoop — Chief Technology Officer   **11/2013-12/2014**
-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-http://www.catapultincubator.org/)

EDUCATION

University of Florida: Bachelors in Computer Science and Statistics, 3.55 GPA, 2018

PROJECTS

Solvr - http://solvr.bitballoon.com/
A program that uses advanced data structures 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.

Youtube Downloader - https://goo.gl/xNcrp7
A chrome extension that downloads YouTube Videos that received over 600 hits within 12 hours. Taken down at the request of Google.

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 | UF Programming Team | UF Data Science and Informatics