

# Yatharth Dhoot

Student / Software Developer

## PERSONAL INFO

### Address

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Urbana, IL, 61801

### Phone

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### Email

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### Personal Website

yatharthdhoot.com

### Github

github.com/yatharth201

### Linkedin

linkedin.com/in/  
yatharth201/

### Devpost

https://devpost.com/  
YatharthDhoot

## SKILLS & INTERESTS

### PROGRAMMING RELATED

C++	Android
Java	React -
Python	Native
JavaScript	D3.js
HTML	cPanel
CSS	

### OTHER

Microsoft Word  
Microsoft Powerpoint  
Final Cut Pro  
Adobe Photoshop

### INTERESTS

Software Development  
Website Development  
App Development  
Computer Vision  
Public Speaking  
Photo and Video Editing  
Table Tennis  
Soccer

## HACKATHONS

HackIllinois - UIUC

MakeHarvard - Harvard

PennApps - UPenn

## EDUCATION

### Bachelor of Science in Computer Science and Mathematics | Business Minor

University of Illinois at Urbana-Champaign

GPA: 3.7/4.0

Expected Graduation: May 2022

- **Relevant Coursework:** Discrete Structures, Software Design Studio, Data Structures, Computer Architecture, Computer Science Honors, Applied Linear Algebra

## EXPERIENCE

### NCSA | Student Lead and Research Intern in Data Visualizations

May 2019 - Present | Urbana, Illinois

- Collaborate with Dr. Rini Mehta, an NCSA fellow, to build a Data Visualization research website
- Apply D3.js library, JavaScript, HTML and CSS to display large scale of data in an aesthetic form
- Write algorithms in JavaScript to create graph based functions to iterate through visualization

### ATLAS Internship Program | Website Developer Intern

March 2019 - May 2019 | Urbana, Illinois

- Designed a testimonial website for Professor Meghan Burke, containing 100+ video objects in it
- Utilized HTML, CSS and JavaScript along with list.js library to create search functionality which filters video objects by labels assigned to each video

### CS125 | Course Assistant

January 2019 - May 2019 | Urbana, Illinois

- Assisted the professor and teaching assistants during office hours
- Helped instruct the "Even More Practice" section of the class, to help students understand complex java concepts taught in class

### TEDxYouth@CIRS | Founder

August 2016 - April 2017 | Coimbatore, India

- Initiated the idea of the first ever TEDx event in my high school, bringing huge honor and recognition to the school in the form of well renowned speakers and sponsors
- Designated as part of Core Team leading 6 other teams to a huge success

## PROJECTS & PERSONAL INVOLVEMENT

### rays.ml | Web app created to potentially remove human error in reading X-Rays

September 2019 - September 2019 | University of Pennsylvania, Philadelphia

- Developed a Machine Learning based Healthcare Web App to assist doctors in reading X-Rays and potentially eliminating human error associated with it
- Trained the machine learning model using AutoML and created a chatbot using DialogueFlow on the Google Cloud Services Platform
- Made the front-end using HTML, CSS, JavaScript and connected with the cloud services
- Implemented D3.js as a Data Visualization tool to display results coherently

### BROKE | Financial app for college students to keep track of money spent

September 2018 - December 2018 | Urbana, Illinois

- Pitched, formed a team of 6 and lead the building of a functional app from scratch in 4 months
- Solved a key problem faced by college students, by providing an easy to use GUI, connecting one's bank account, and analyzing money spent based on category and compared to set budgets

### FaceFood | Computer vision game that lets users play using their facial features

April 2019 - May 2019 | Urbana, Illinois

- Created a game in C++ using OpenFrameworks and FaceTracking library as an individual project
- Measured height of open mouth and other facial features to allow users to eat food off the screen

### PRIME MERGERS AND ACQUISITIONS | Investment Banking | Buy-Side Analyst

August 2018 - December 2018 | Urbana, Illinois

- Implemented various tools in the investment banking field such as S&P Capital IQ, Bloomberg Terminal and Microsoft Excel to conduct precedent transaction, LBO and DCF analyses
- Worked in a team of four throughout 4 months, negotiating a multi-million dollar deal for our client