

Yatharth Dhoot

Student | Software Developer

709 W Green St, Urbana, IL 61801 | (217) 819-0642 | ydhoot2@illinois.edu | yatharthdhoot.com
github.com/yatharth201 | linkedin.com/in/yatharth201 | devpost.com/yatharthdhoot

EDUCATION

Bachelor of Science in Computer Science and Mathematics | Business Minor

GPA: 3.7/4.0

University of Illinois at Urbana-Champaign

Expected Graduation: May 2022

- **Relevant Coursework:** Data Structures, Computer Architecture, Systems Programming, Discrete Structures, Software Design Studio
- **Skills:** C++, Java, JavaScript, Python, HTML, CSS, React-Native, D3.js

EXPERIENCE

Student Lead and Research Intern | NCSA | Urbana, Illinois

May 2019 - Present

- Apply D3.js library, HTML and CSS to build a research website in Data Visualization for Dr. Rini Mehta, an NCSA fellow
- Write algorithms in JavaScript to create graph based functions to find data points and iterate through the visualizations
- Lead 10 students who are working on 3 other projects under the professor

Software Development Intern | Applied Technologies at LAS | Urbana, Illinois

March 2019 - May 2019

- Utilized HTML, CSS and JavaScript to design and build a testimonial website for Professor Meghan Burke
- Applied the list.js library to create search functionality filtering through 100+ videos by labels assigned to each video
- Completed project and made the entire website live within the span of 2 months

Course Assistant | CS125 | Urbana, Illinois

January 2019 - May 2019

- Helped instruct the "Even More Practice" section, to help students understand complex java concepts taught in class
- Held office hours for students to ask doubts and take help on homework and machine problems

Buy-Side Analyst | Prime Mergers And Acquisitions | Urbana, Illinois

August 2018 - December 2018

- 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

Founder | TEDxYouth@CIRS | Coimbatore, India

August 2016 - April 2017

- 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, working with school management and leading 6 other teams to a successful event

PROJECTS

rays.ml

September 2019

Web app to potentially remove human error in reading X-Rays | PennApps, UPenn

- 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

BROKE

September 2018 - December 2018

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

April 2019 - May 2019

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