

Yatharth Dhoot

Software Developer

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EDUCATION

Bachelor of Science in Computer Science and Statistics | Business Minor

GPA: 3.85/4.00

University of Illinois at Urbana-Champaign

Expected Graduation: May 2022

- **Relevant Coursework:** Artificial Intelligence, Database Systems, Technology Entrepreneurship, Algorithms, Data Structures, Computer Architecture, Numerical Methods, Discrete Structures, Software Design Studio
- **Skills:** (Proficient) Python, Java, C++, JavaScript, HTML, CSS, Django, D3.js, MySQL, MongoDB, NumPy, Git, Jest, Enzyme (Familiar) React, Redux, R, Neo4j, Docker

EXPERIENCE

Software Engineering Intern | Quorum | Washington, D.C.

May 2020 - July 2020

- Implemented and deployed 5+ new full stack features to the codebase with complete testing using Jest and Enzyme
- Collaborated with product management and executive team to ensure absolute satisfaction for all projects
- Increased database efficiency by up to 150% by implementing duplicate management for certain major datasets

Software Developer Intern and Student Lead | Country Financial | Champaign, Illinois

Jan 2020 - May 2020

- Lead a project to create a Docker framework that will change how web application and/or backend APIs can be used to deliver working applications for Country Financial and its business areas
- Developed python scripts to automate testing and in the process of the CI/CD pipelining implementation

Software Research Intern | National Center for Supercomputing Applications | Urbana, Illinois

May 2019 - Dec 2019

- Applied D3.js and other web tools to build a research website in Data Visualization for Dr. Rini Mehta, an NCSA fellow
- Wrote algorithms in JavaScript to create graph based functions to find data points and iterate through the visualization
- Lead a team of 10 students working under the professor on other projects including NLP and textual analysis

Software Developer 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

PERSONAL INVOLVEMENT AND SELECTED PROJECTS

Google Developer Student Club | Outreach Team

Nov 2019 - Present

Student club that uses Google Technology to develop projects and hold workshops | Urbana, Illinois

- Research Google technologies including Tensorflow, AutoML, Flutter and Firebase
- Lead 1.5 hour workshops for UIUC students to get started and get a deeper understanding of these technologies

Illinois Business Consulting | Business Consultant

Sept 2020 - Present

Largest student-run management consulting organization in the United States | Champaign, Illinois

- Creating a sustainable business model and financial projections for a software testing business

TEDxUIUC | Marketing Co-director

Aug 2019 - Present

Student club that holds conferences where live TED-like talks and performances are shared with the community

- Oversee marketing and design teams and implement marketing strategies for increasing engagement with the club

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 GCP.

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 in React, connecting one's bank account, and analyzing money spent based on category and compared to set budgets

Hackathons at Harvard, UPenn, UMich and UIUC

August 2018 - Present