Yash Agrawal

🎓 Education

University of Illinois at Urbana-Champaign
B.S. Computer Engineering
May 14' - May 18' (Expected)
Minor in Physics
James Scholar
Coursework: Artificial Intelligence,
User Interface Design, Data Structures

💼 Experience

Research Assistant
Biophotonics Imaging Laboratory
May 15' - July 15'
Assisted the paper on Optical Coherence
Tomoghraphy by creating simulations of
experiments in COMSOL Multiphysics®
using solid structure physics and also read
multiple research papers related to OCE
and MM OCT.

Freelance Designer
99Designs
May 16' - Present
Working as a freelance designer for 99Designs
as a contributor to logo contests using
Affinity Designer.

</> Skills

Programming Languages
Python, JavaScript, HTML, CSS, C++,
C, Matlab

Frameworks & Libraries
Flask, AngularJS, MeteorJS, Node.JS, ReactJS

Tools
FramerJS, Affinity Designer, InDesign,
Illustrator, Sketch, Figma, Origami,
COMSOL Multiphysics®.

⚡ Selected Projects

Musify
Made a project at WildHacks 2016 which
uses Clarifai's image recognition API on a
custom model to analyze the mood of the
video and then uses JukeDeck to add
appropriate background music. The hack is
a CLI built in Python using libraries like :
PyDub, Splice, Pafy, et cetera.

Broker
Working on making a fully functional
paper trading website using the
Quandl API, with special emphasis
on the front-end for easy understanding
of a complicated subject.
Technologies used : Flask, D3.js,
NodeJS, HTML, CSS

MovieBot
Built a messenger platform based bot
that recommends movies using the
IBM Watson's Conversation API and
TMDb API. The bot had more than 500
conversations in the last 28 days.

Leapflix
Built a chrome extension that skips
through TV show intros on Netflix
using the Chrome.tabs API. The
extension had more than a 100+
organic downloads.

iDoctor
A group project for the class CS 465 -
User Interface Design which helps
doctors connect with post-operation
patients. Built with AngularJS and
tested UI Design techniques.

👤 Contact

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