

ISHAN S. PATEL

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Education

University of Illinois at Urbana-Champaign

B.S. in Computer Science | Business Minor

Dean's List: Fall 2017, Spring 2018

Coursework: *Computer Architecture, Probability and Statistics for Computer Science, Data Structures, Computer Science Honors Project Course*

May 2021

GPA: 3.90/4.00

James Scholar

Plainfield North High School

Rank 1 of 499

May 2017

Weighted GPA: 5.92/5.00

Work Experience

Retail Sales Consultant / OfficeMax

May 2018 – Aug. 2018

- Helped approximately 60 customers per day find appropriate tools and supplies to optimize their work
- Organized, stocked, and replenished merchandise with accuracy and efficiency
- Increased sales and productivity in the store's technology services department

Leadership and Involvement

Consulting Team and Tech Team Member / NOBE

Oct. 2017 – Present

- Creating a high-level strategy to improve marketing practices for client
- Expanding programming skill-set and knowledge in a collaborative setting
- Development of a personal website as a project

Committee Chair / Engineering Freshmen Council

Sept. 2017 – May 2018

- Directing and managing the Engineering Freshmen Council Awards Committee
- Awarding freshmen for outstanding performance in engineering-oriented student organizations
- Organizing events to expand freshman participation and engagement in the College of Engineering

Projects

ChessAI

Summer 2018

- Wrote a classic chess game in Java and designed a GUI to improve game visuals
- Implemented an AI with a minimax algorithm to make a strong move based on opponent's move choices

Reddit Bot

Summer 2018

- Developed a bot in Python to automatically respond to posts on Reddit using the PRAW API

Checkout With Your Face

Fall 2017

- Integrated OpenCV library to detect faces through a live video feed
- Implemented a GUI to save and associate data with an image

Accomplishments

DECA (Business Organization)

- 2-time international competitor (2016, 2017), 4-time state competitor (2014-2017)
- Developed business model and prototype with a team for a new product: 1st place at state competition

Skills/Frameworks

- ***Proficiency:*** C++, Java, Python, C, Racket, HTML/CSS, JavaScript, Verilog
- ***Exposure:*** p5 Processing, Flask, Node JS, React, R, Numpy, Pandas, Matplotlib, Git, SVN, LaTeX