

# Muhammed Imran

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## Education

### **University of Illinois at Urbana-Champaign | Expected Graduation: May 2022**

- Major: Computer Science | GPA: 4.00/4.00
- Related coursework:
  - Completed: **CS 126**: Software Studio Design; **CS 173**: Discrete Structures; **MATH 285**: Intro to Differential Equations;
  - In Progress: **CS 225**: Data Structures; **CS 233**: Computer Architecture; **CS 361**: Probability and Statistics; **MATH 415**: Linear Algebra

## Leadership and Activities

### **Engineering Open House Exhibition Contributor | Spring 2019**

- Developed a cheap lie detector with remarkable accuracy over the course of 2 months, at the end of which the lie detector was presented to numerous visiting schools
- Collaborated with a medium-sized team to ensure product effectiveness and software correctness

### **Member in P.U.R.E. (Promoting Undergraduate Research in Engineering) | Fall 2018**

- Worked with graduate student whose thesis is in Security
- Aided his research in tracking how malicious software affected and corrupted files on Windows systems

### **Member of WebMonkeys, an ACM group | Fall 2018 - Spring 2019**

- Learned about modern web-dev features and practices, such as React and asynchronous functions

### **Captain of Physics Section, President of JETS Team (Junior Engineering Technical Society) | Fall 2017- Spring 2018**

- Participated in the WYSE and TEAMS Competitions
- Organized and led meetings for other students participating in academically competitive exams

### **Captain of Physics/Building Events in Science Olympiad | Fall 2015 - Fall 2017**

- Competed in events primarily centered around concepts based in physics such as thermodynamics, fluid dynamics, and mechanics
- Guided other students' studying and preparation for competition

## Experience

### **Projects**

- Created a Lie Detector machine as part of an EOH (Engineering Open House) project
- Created a visualization tool depicting all the file to file interactions that occurred on a system; could be used to track how malicious software would interact with other system files
- With a friend, developed a game of Blackjack along with a GUI, played against the computer.

## Achievements

- Graduated High School Summa Cum Laude
- National Merit Commended
- Received Illinois Science Teachers Association Outstanding Science Student Award
- Finished 3rd in Regional WYSE Computer Science Competition

## Skills and Abilities

### **Computer Languages**

- Proficient Computer Language: Java, HTML, CSS, C++
- Beginner: Python, React

### **Foreign Languages**

- Spanish