Kanishk Chinna

kchinna.github.io | *github.com/kchinna*

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Fremont, California

Education

University of Maryland - College Park August 2021 - May 2025
B.S Computer Engineering
Coursework: Introduction to Object Oriented Programming II, Linear Algebra

Technical Skills and Expertise

- Java
- Python
- Javascript
- HTML/CSS
- REST API
- ReactJS
- Eclipse/PyCharm
- Github

Projects

Portfolio Website *kchinna.github.io*
Displays information regarding personal experiences, projects, and provides methods of contact.
Built using HTML, CSS, Javascript, JQuery, and Bootstrap.

Tic-Tac-Toe Discord Bot *kchinna.github.io/#projects*
Provides a way to play tic-tac-toe through an attractive user interface within channels on the Discord app.
Built using Python and Discord API.

Pixel Recoloration Program *kchinna.github.io/#projects*
Converts black pixels in an inputted image to a color of the user's choice through intuitive GUI.
Built using Python, OpenCV, NumPy, and Tkinter.

Complex Number Calculator *kchinna.github.io/#projects*
Handles various mathematical operations for complex numbers in a + bi format.
Built using Java.

Experiences

Safeway
Front End Department July 2021 - August 2021

- Worked in professional collaborative environment alongside diverse group of 30+ employees
- Coordinated cleaning and hospitality duties with 6+ employees to maintain presentable commercial environment
- Improved interpersonal communication skills while greeting and assisting customers

California Robotics Academy
Instructor August 2019 - August 2021

- Created curriculum covering Arduino circuitry and programming
- Taught programming, circuitry, CAD, and engineering design to 15+ elementary school students
- Implemented interactive and engaging teaching methods including learning activities and assessments
- Communicated with parents and supervisors to discuss student progress and answer questions

Irvington Robotics Academy
Vice President February 2020 - June 2021
44730A Team Captain April 2019 - June 2021

- Lead Team 44730A to first states qualification in academy history of 8+ years
- Guided design and construction of robotic subsystems including drive systems, lifts, flywheels, and intakes
- Developed software to harness motor control and sensor input for each mechanism using C++
- Organized 5+ virtual and COVID safety compliant in-person training workshops for new club members

Awards

University of Maryland Presidential Scholarship August 2021
VEX Robotics Competition Excellence Award February 2020
FBLA Business Ethics State Conference - 9th Place March 2019