ANJALI GUPTA

✉ a378gupt@uwaterloo.ca ☏ 647-544-0781 ⌂ /anjalig21 in /anjali-gupta21 🌐 /anjali-gupta

SKILLS

Languages: JavaScript, Python, Java, C, C#, HTML, CSS, Racket
Libraries/Frameworks: Node, React, Material-UI, TensorFlow, NumPy, Keras, OpenCV, Django
Tools: Visual Studio Code, Firebase, SQLite, Git, GitHub Pages, Heroku, PythonAnywhere

PROJECTS

Personal Website JavaScript | Node | React | Material-UI | HTML | CSS | Firebase ⌂🌐   Dec 2020 - Present
- Developed UI components/front-end of my personal website using React.js, Material-UI, HTML and CSS
- Created the backend using Node.js while also implementing a **database** and **hosting** using Firebase

Sign Language Detector Python | TensorFlow | NumPy | OpenCV | Keras ⌂   Mar 2021
- Created an application that prints the Sign Language letter corresponding to the user's hand gesture
- Trained and tested data by implementing a **CNN** using TensorFlow, NumPy, OpenCV and Keras
- Being used by **50+ users** as an educational tool to learn American Sign Language across the globe

Photo-Bot JavaScript | Node | Cheerio | Request ⌂   Feb 2021
- Designed a Discord Bot that uses **web scraping** to show images based on the user's command
- Developed backend using Node.js with Cheerio and Request to make **HTTP calls** and **analyze web pages**
- Currently being used in multiple servers with over **3000 users**

Unbeatable Tic-Tac-Toe JavaScript | HTML | CSS | GitHub Pages ⌂🌐   Dec 2020
- Created a Tic-Tac-Toe game that allows users to play against an AI player using the **minimax** algorithm
- Designed front-end with HTML/CSS**,** developed back-end with JavaScript and deployed with GitHub Pages

EXPERIENCE

Founder – *Purple Purlers*   Oct 2018 – Present
- Established a charity that donates hand-knitted blankets to animal shelters across Ontario
- Led a 15-person team to co-ordinate social media marketing, increase brand awareness, and interact with volunteers through Instagram, LinkedIn, and YouTube
- Acquired **over 1,200 knitted blankets** and **over $10,000** to date from volunteers of all demographics

Math, French & Computer Science Tutor – *Self-Employed*   Jul 2019 – Present
- Taught **over 50 students** (ages 9 - 16) Mathematics, French and Computer Science
- Created lesson plans for each student's learning style and led students to better understand concepts
- Efforts have led to **100% student and parent satisfaction** and improved success in the classroom

EDUCATION

University of Waterloo – *Candidate for BCS: Computer Science*   Sep 2020 - May 2025
President's Scholarship of Distinction (95%+)

*Relevant Courses: Designing Functional Programs (**Racket**), Algorithm Design and Data Abstraction (**C**)*

ACHIEVEMENTS

- *Liuna Local 183 Scholarship:* Awarded to **5/1000+** students based on academics and community involvement
- *Distinction in the International Hypatia Math Content:* Awarded to the **top 25% of contestants globally**
- *2x DECA Provincial Champion:* Awarded for placing **1st in Ontario** for various project management events
- *ROPSSAA Swimming Bronze Medal:* Awarded for placing **3rd out of 50 schools** for the 4x100m Free Relay