ZAKI RANGWALA

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EDUCATION

Wilfrid Laurier University   **September 2021 - August 2025**
Bachelor's, Computer Science   *GPA: 3.9*

PROFESSIONAL EXPERIENCE

PokerGPT   **Toronto, ON, Canada**
Co-Founder   *January 2024 - February 2025*
- Spearheaded the development of PokerGPT, an AI-powered Poker Coach, leveraging advanced LLMs and sophisticated prompt engineering.
- Launched and optimized the backend model, including integration of solver functionalities, achieving a user base of over 1000+ within the first month.

Faura   **California, USA**
Founding Engineer   *June 2024 - October 2024*
- Implemented a comprehensive natural disaster assessment tool utilized by over 5,000 homeowners to mitigate property risks.
- Collaborated with 150+ industry professionals to design and implement a cutting-edge wildfire risk assessment, enhancing property safety protocols.
- Successfully fundraiser over $500,000 from Dorm Room Fund and CEAS Honors, securing a spot in Metaprop's prestigious accelerator program.

Onova   **Remote**
Software Engineer   *November 2023 - June 2024*
- Developed and enhanced Earth, a comprehensive hackathon management platform, implementing authentication, submission, and admin workflows.
- Successfully managed two major hackathons, Capgemini x Google and Capgemini x Microsoft, attracting over 4000 participants, marking it as one of the largest internal corporate Gen AI hackathons.

PROJECTS & OUTSIDE EXPERIENCE

Spotify Emotion Classifier
Lead Developer
- Developed an advanced emotion recognition model capable of classifying seven distinct emotions with an accuracy rate of up to 97%.
- Utilized an ensemble of pre-trained VGG16, ResNet50, and InceptionV3 models, integrated with a Gradio app to provide Spotify playlists tailored to the detected emotions.
- *Link to project*

Real Time Face Mask Detector
Lead Developer
- Utilized the Object-Detection API and TensorFlow framework to proficiently train the SSD-mobile net neural network using a dataset of 300+ images, achieving a detection accuracy rate of 95%.
- *Link to project*

Personalized Virtual Assistant
Lead Developer
- Engineered a versatile virtual assistant using advanced open-source libraries and APIs in Python, leading to a 20% efficiency improvement in daily tasks.
- *Link to project*

SKILLS

Skills: C/C++, Git, Python, Java, Next.js, Adobe Photoshop, TypeScript, Bash, MySQL, Adobe After Effects, React.js, Firebase, Digital Ocean, Django, Postgres, Pytorch, Figma, Blender, Docker, Adobe Illustrator, Linux/Unix
Languages: French, Hindi