Yuvraj Gohil

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EDUCATION

Northeastern University, Khoury College of Computer Sciences *Boston, MA* **Sept 2022 - Present**
Bachelor of Science in Computer Science with a minor in Entrepreneurial Startups
Cumulative GPA: 3.86
Relevant Coursework: Objected Oriented Design, Algorithms and Data Structures, Computer Systems, Cybersecurity, Financial Management, Fundamentals of CS, Intro to Math Reasoning, Discrete Structures

TECHINCAL KNOWLEDGE

Languages/Frameworks/Systems Java | Python | JavaScript | Git | C | Kotlin | HTML | CSS | Docker | MongoDB AWS | Solidworks | Kaggle | Raspberry Pi | Google Colab | Arduino | macOS
Cerifications Machine Learning for All University of London

PROFESSIONAL EXPERIENCE

TAMID at Northeastern University **Sept 2023 - Present**
Co-Director of Tech Consulting

- Created a 9 session curriculum to teach machine learning concepts to incoming developers through an end-to-end ML Personalized Financial Portfolio Helper project

Education Member Project Manager

- Orchestrated a high-performing team of 4 for a tech consulting initiative with the software company Streamline, enhancing client satisfaction and delivering impactful solutions
- Built an AI workflow using a custom LLM to optimize client websites through front end source code analysis

Computer Science Coalition **Nov 2022 - July 2023**
President

- Founded the Computer Science Coalition at Northeastern University focused on professional development, programming projects, and tech-related community service.
- Coordinated Hackathon team for Husky Hackathon, a university-wide event involving both undergraduate and graduate students.
- Hosted and moderated a career-oriented discussion panel with two industry professionals from Boston Consulting Group and Palo Alto Networks, attendance of 60 students and faculty members

The Center Northeastern University Oakland **Jan 2023 - May 2023**
Programming Board Assistant

- Recognized for impactful work and awarded the Innovation Award by the University for my contributions.

PERSONAL PROJECTS

Formula 1 Racing Machine Learning Place Predictor Web Application **June 2023 - Sept 2023**

- Created a full-stack machine learning web app predicting final Formula 1 race positions using historical racing and telemetry data.
- Developed advanced machine learning skills, achieving a model accuracy of 0.78 and F1 score of 0.75; acknowledged limitations and proposed future enhancements, including deep learning techniques and additional data sources

Autonomous Driving Computer Vision Donkey Car **Jan 2022 - June 2022**

- Developed autonomous driving capabilities for an RC car using the open source Donkey Car project, highlighting hardware integration skills with Raspberry Pi, camera, and RC model car components
- Utilized deep learning and computer vision to enable a remote-controlled car to autonomously navigate, showcasing practical machine learning problem-solving in robotics.

SKILLS & INTERESTS

- **Alternate Languages:** Spanish (Intermediate), Gujarati (Intermediate), Sanskrit (Intermediate)
- **Interests/Hobbies:** Robotics, programming, tabla (instrument), baseball, tennis, hiking, film