AYCA EGE KAYHAN

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EDUCATION:

Binghamton University, State University of New York	**Binghamton, NY**
Bachelor of Science in Computer Science	May 2022
Cumulative GPA : 2.92 / 4.00	
Istanbul Technical University	**Istanbul**
Bachelor of Science in Computer Science	May 2022
Cumulative GPA : 3.48 / 4.00	

SCHOLARSHIPS:

Dual Diploma Scholarship for two years

RELEVANT COURSES:

Database Systems, Computer Graphics, Mobile Systems Security, Introduction To Information Systems and Technologies , Programming I, Programming & Hardware Fundamentals, Programming with Objects & Data Structures, Multimedia Systems, Project Management, Design Patterns, Game Development for Mobile Platforms, IOS and Android Application Development, Algorithm Analysis, Operating Systems

TECHNICAL SKILLS:

Python, Object-Oriented Programming, Swift, JavaScript, Data Science, Data Visualization, C / C++, Java, Assembly

PROFESSIONAL EXPERIENCE:

RXREFUND   **New York, USA**
Full Stack Developer Intern   September 2021 - Present
- Building, designing and testing data from importing into a database with the usage of Python.
- Creating dashboard with HTML and CSS to summarize processed data.
- Performed construction of company's application for IOS platforms using Swift
- Database management and architecture with PostgreSQL to capture the information.

SABANCIDX   **Istanbul, Turkey**
Advanced Data Analytics   August 2021 – September 2021
- Operated Supervised Learning on market data to determine best locations to open new branches.
- Researched Neural Networks in order to transform Location Finder model into constantly working recommending system

THERMOAI   **New York, USA**
Data Analyst Intern   July 2021 – December 2021
- Performed anomaly detection within large set of data from various sensors(Mic, Amp) with the usage of Unsupervised Learning Methods. Performed K- Nearest Neighbors and K-Means algorithm on data.
- Produced graphs that visually represents behaviors of data with Python libraries such as Numpy, Matplotlib, Seaborn and Pandas.

ENERJISA ENERGY   **Istanbul, Turkey**
IT Intern   January 2021 – June 2021
- Work with the ABAP language to aid projects supported by SAP.
- Displayed the employee data weekly based on their working time
- Acted weekly presentation about developments about my project
- Help the authorization process for various teams within the company using company's software.

PROJECT EXPERIENCE:

Junior Design: Hand Recognition
- Generated a program using Python and MediaPipe Library which detects the hand within the given frame and count the number of fingers being held up.

Senior Design: Weather Application
- Produced an application for IOS platforms with the usage of Swift language and API. The application is also sensitive daytime and nighttime.

Senior Design: BearCat Ninja Game
- Worked with a team of 4 to build a game that contains moving enemies, physics, background music and menu pages. Used Swift programming language and Sprite Kit to develop the game. In addition kept the score of the player and displayed on the dashboard.

Internship Design: Anomaly Detection Model
- Completed an Anomaly Detection Model which detects abnormal values coming from Energy Plants of Factories using Clustering and Unsupervised Learning.

LEADERSHIP AND INVOLVEMENT:

Institute of Electrical and Electronics Engineers (IEEE)   **Istanbul**
Woman in Engineering Board Member   February 2018 – May 2018
- ITU Technology Conference : Worked at the organization crew of the biggest technological conference in Istanbul Technical University.
- Engineering for Future : Worked at the organization crew of this conference which is about sustainable ways that suits industrial development.

Turkish Cultural Association (TURCA) at Binghamton   **Binghamton**
Intern at Turca Sophomore Program   February 2020 – May 2021
- Attend weekly meetings in order to learn the functioning in the organization and help improve the ideas.
- Be responsible of the event promotion for sophomores in my department and helped designing posters for these events

ADDITIONAL INFORMATION:

Language: Proficient in French, fluent in Turkish and English.