ALEYNA CEYLAN

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EDUCATION

Binghamton University, SUNY, New York - USA
Thomas J. Watson College of Engineering and Applied Science, BS in Computer Science DDP **Aug 2019 - May 2022**
Istanbul Technical University, Istanbul – TR
Faculty of Computer and Informatics Engineering, BS in Computer Science DDP **Sep 2017 - May 2021**

Dual-Diploma Program (DDP) is an international joint degree program that offers a double degree in cooperation with ITU and SUNY BINGHAMTON Universities. The program is a 4-year, multi-disciplinary engineering program whose language of instruction is English. Students admitted to the program spend two academic years at Istanbul Technical University and two years at Binghamton University. Students receive ITU and BU Bachelor's degrees in Information Systems Engineering.

PROFESSIONAL EXPERIENCE

RxRefund, Full-stack Developer Intern | Binghamton, NY **Aug 2021 - May 2022**
● Created a web application dashboard for the company to summarize and filter processed data.
● Deployed web application to AWS.
● Revised HTML, CSS codes, and redesigned user interface.
● Improved User Experience using HTML, CSS, and JavaScript ES6.
● Built web application authentication permissions with Flask backend and provided to the frontend.
● Built and tested a prototype.

K2B Computer Electronics, IT Intern | Istanbul, Turkey **Jan 2022 - Feb 2022**
● Gained hands-on experience on cloud infrastructure, web, and networking fundamentals. HTTP(S), TCP, VPN, etc.
● Built S3 bucket for storage and backup on AWS.
● Used Veeam to have a full backup of the system.
● Provided support to other Infrastructure teams as well as developers and end users.
● Performed initial backup run and testing.

SAS, Associate Pre / Post Sales Systems Engineer | Istanbul, Turkey **Feb 2021 - Aug 2021**
● Confident of leading multi-language meetings and presenting in front of senior level contacts within customers.
● Configuration, customization, and implementation of new technologies with support from other SAS engineers.
● Train customers on usage and administration of systems.
● Coded a SAS program to analyze the data, and dynamically create reports.
● Develop data migration strategy for conversion of user data from Tableau into SAS.
● Analyzed and processed complex data sets using SQL, SAS, and Excel.
● Converted programs coded in SQL, to SAS language.

Flepron: Software solutions, Frontend Developer Intern | Remote **Nov 2020 - Dec 2020**
● Developed pages using CSS, HTML, and JavaScript to enhance functionality and user experience.
● Worked with Senior Developer to write code in AngularJS.
● Edited existing codes to improve user interface design.
● Participate in weekly company/client meetings to present design ideas and showcase finished apps.

PROJECT EXPERIENCE

Autonomous Delivery Robot, Group Project | Binghamton, NY **Mar 2022- May 2022**
● Developed an intelligent agent from scratch that takes a package from one point and delivers to the delivery point.
● A control panel was developed with the help of PyQt5 for manual control of the robot. Snapshots are taken via robot cam.
SLAM Robot, Group Project | Binghamton, NY **Feb 2022- Mar 2022**
● Created a program to drive the robot to move autonomously in an unknown environment by detecting obstacles and planning possible paths.
Bearcat Ninja Swift Game, Group Project | Binghamton, NY **Oct 2021- Dec 2021**
● It was developed with Swift and its library Sprite. The game consists of 5 main pages.
● Player moves upwards forever by jumping over obstacles. Player collects points and escape from the moving fire.

SKILLS

Languages: Python, JavaScript, React, HTML5, CSS3, SQL, Swift
Additional: AngularJS, Python ROS, Python Flask, PyQt5, SAS, C/C++
Technical Skills: Data Science and Analytics, Cloud Systems, UI/UX Design, Game Design
Professional Skills: Strong analytical, problem-solving skills. Effective communication (written and verbal) skills. Perform technical presentations.