

# Mustafa Sahin

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## WORK EXPERIENCE

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### **Arbimed, Inc.** - Software Engineer Intern

June 2023 – August 2023 | The Woodlands, TX

- Led product localization efforts, enhancing international user engagement.
- Collaborated in a Git-based workflow, upholding code integrity and promoting seamless team coordination

### **Texas Health Supply, Inc.** - Software Engineer Intern

May 2022 – August 2022 | Tomball, TX

- Developed a Python-based desktop application that streamlined warehouse inventory management, resulting in a 30% increase in operational efficiency.
- Led the training of warehouse staff on the new inventory management system, ensuring seamless adoption and implementation.
- Played a key role in relaunching the Inventory Management System, improving product tracking efficiency.
- Contributed to the team's successful launch of an iOS app.

## TECHNICAL EXPERIENCE

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### **Inventory Tracker** – Python, Django, SQL, Bootstrap | [github.com/mustafaemresahin/inventory-tracker](https://github.com/mustafaemresahin/inventory-tracker)

- Developed a comprehensive inventory management system, enabling users to create accounts, manage inventories, track product transactions, and view detailed product information.

### **Image Classifier** – Python, Flask, Tensorflow | [github.com/mustafaemresahin/image-classifier](https://github.com/mustafaemresahin/image-classifier)

- A machine learning web app for real-time object recognition using MobileNetV2 and ResNet-50. Enables user-uploaded image analysis via Python, Flask, and TensorFlow. Highlights practical applications of deep learning.

## EDUCATION

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### **University of Houston** - B.S., Computer Science

August 2021 – Present | Houston, TX

- Major: Computer Science | Minor: Math
- Cum. GPA: 3.7 | In-Major GPA: 4.0
- Relevant Coursework:
  - Data Structures and Programming, Computer Organization and Structure, Calculus II, Linear Algebra, Statistics, Discrete Math, Operating Systems
- Honors: Dean's List 2021-2023 (Freshman and Sophomore Year)

## SKILLS

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- Bilingual Communicator (English, Turkish)
- Problem-solving
- Creativity
- Teamwork
- Time Management
- Accountability

## Languages and Technologies

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- Languages: Python, Java, C++, C#, PHP
- Frameworks: Django, Flask, React, .NET, Bootstrap
- Web development: HTML5, CSS3, JavaScript
- Machine Learning: TensorFlow, Keras
- Version Control: Git