

# Yunus Karatas

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## EDUCATION

Florida Atlantic University	Aug 2022 - May 2027
Computer Science (BS) & minor in Data Science	Boca Raton, FL

## SKILLS

**Technical Skills:** Python, C++, SQL, HTML, JS, CSS, LaTeX, Machine Learning  
**Platforms and Tools:** Github, TensorFlow, Tailwind CSS, OpenCV  
**Languages:** English and Turkish

## EXPERIENCE

<b>Set Kitchens</b>	May 2023 - Present
<i>Sales Associate</i>	<i>Pembroke Pines, FL</i>
<ul style="list-style-type: none"><li>Delivered personalized service to <b>50+</b> customers weekly, resulting in a <b>15% increase</b> in customer satisfaction</li><li>Assist with administrative tasks including <b>data entry</b> and <b>record keeping</b></li><li>Process sales transactions and handle customer inquiries</li></ul>	
<b>OpenBots</b>	Jun 2023 - Jul 2023
<i>Shadow</i>	<i>Edison, NJ</i>
<ul style="list-style-type: none"><li>Shadowed development team working on <b>automation</b> solutions using <b>C++</b> and RPA frameworks</li><li>Gained exposure to software development lifecycle and <b>Agile</b> methodology</li><li>Observed code review processes and Git version control workflows</li></ul>	

## PROJECTS

<b>Plantus AI</b> - Python, TensorFlow, Flask, OpenCV	Jun - Aug 2025
<ul style="list-style-type: none"><li>Trained CNN on <b>10,000+</b> labeled plant images achieving <b>89%</b> test accuracy across 12 disease classes</li><li>Implemented data augmentation pipeline with <b>OpenCV</b> for image preprocessing and normalization</li><li>Deployed <b>Flask REST API</b> with real-time prediction capabilities and confidence scoring</li></ul>	
<b>Personal Portfolio Website</b> - HTML, CSS, JavaScript, Tailwind CSS	Mar - May 2025
<ul style="list-style-type: none"><li>Built mobile-first layout with <b>Tailwind's</b> responsive utilities ensuring <b>cross-browser</b> compatibility</li><li>Designed <b>glassmorphism UI</b> with backdrop filters and smooth scroll navigation</li><li>Responsive portfolio showcasing computer science projects and <b>technical skills</b></li></ul>	
<b>Data Analysis Projects</b> - Python, ggplot2, pandas, tidyverse, Jupyter Notebooks	Oct - Dec 2024
<ul style="list-style-type: none"><li>Analyzed NYC flight data identifying <b>40%</b> higher cancellation rates during winter months</li><li>Explored correlations between species characteristics in Palmer Penguins dataset</li><li>Visualized automotive efficiency trends across vehicle classes and years</li></ul>	

## INVOLVEMENTS

<b>SHPE (Society of Hispanic Professional Engineers)</b>	Mar 2024 - Present
<i>Member</i>	
<ul style="list-style-type: none"><li>Attended <b>15+</b> professional development workshops focused on interview preparation and career advancement</li><li>Participated in networking events connecting with industry professionals and alumni</li><li>Developed teamwork skills through participation in committee work and volunteer opportunities</li></ul>	
<b>IEEE (Institute of Electrical and Electronics Engineers)</b>	Mar 2024 - Present
<i>Member</i>	
<ul style="list-style-type: none"><li>Participated in technical discussions exploring current trends in engineering and CS</li><li>Building competition robot with <b>integrated sensors and motor controllers</b> for autonomous navigation</li></ul>	

## CERTIFICATIONS

SQL for Data Analysis	Aug 2025
Problem Solving C++	April 2024