

# Ammar Hany

Computer and Software Engineer

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Experienced Computer and Software Engineer, specializing in **AI, Computer Vision, Backend**, and **IoT**. Proficient in **Python** and **C#**, with over **2 years of hands-on experience**. Seeking full-time opportunities in **Computer Vision and Backend** roles, open to remote, hybrid, or on-site positions with relocation availability.

## Skills

Programming Languages	C#, Python, C++, Java, PHP, HTML, CSS, JavaScript, SQL, XAML
Frontend Frameworks	Bootstrap
Backend Frameworks	Flask, ASP.NET, Entity Framework, MVC, Razor, Blazor, Laravel, .NET, REST API, JSON, YAML, .ENV, Node.js
Desktop Frameworks	WPF
Database Technologies	MySQL, MSSQL, SQLite, Firebase
Mobile Frameworks	Android
AI Frameworks	TensorFlow, Keras, PyTorch, OpenCV, Ultralytics, Supervision, YOLO
Python Libraries	NumPy, Pandas, OS, Shutil, JWT, Unicorn, PIL, glob, hashlib, google.cloud
Cloud Services	Google Cloud Platform
DevOps Tools	Docker, Artifact Registry
Applications and Tools	VSCode, Visual Studio, PyCharm, Android Studio, IntelliJ, Wix, FI Studio, Microsoft Office, CMake, Postman, SSH, VM
Fields and Technologies	Full-Stack, AI, Mobile Development, Web Development, Database Management, DevOps, REST Apis, Backend Development, Machine Learning, Deep Learning, Version Control, Cloud Computing
Languages	English (C2), Turkish (B2), Arabic (Native), Swedish (A1), French (A1)
Skills	Quick Learner, Attention to Detail, Problem Solving, Creativity, Teamwork, Mentorship, Leadership

## Work Experience

Mid-Level Software Engineer | [Animals](#) [Animals.AI](#) Helsingborg, Sweden | 08/2023 – 04/2024

- Developed **30+ advanced Computer Vision Models** and **50+ image processing algorithms**.
- Managed **annotation tasks** for over **10,000 images**.
- Automated model training using **Google Compute Engine**, including automatic data downloading, training, and model deployment.
- Managed **backend infrastructure** on **Google Cloud Platform**, overseeing **Firebase** and **Cloud Run** for storage systems.
- Designed and optimized **REST APIs**, facilitating team efficiency.
- Composed an **automated camera system** with up to 12 cameras for AI scripts and IoT solutions.
- Worked with **5+ Nvidia Jetson devices** on one network, leveraging **RTSP** technologies.
- Mentored **3+ interns** in **API development, backend engineering, and computer vision techniques**.
- Acquired extensive knowledge of **agriculture practices** through **IoT work, 5+ farm visits**, and collaboration with **4+ researchers and engineers**.

Internship in IT | [Toros University](#) Mersin, Turkey | 03/2023 – 07/2023

- Maintained the company's IT infrastructure. Fixed about **50%** of the laboratory's computers.
- Ensured that they were prepared for use by **thousands of students**.
- Assisted the professors with all their technical problems with a **100% satisfaction rate**.

Internship in IT | [Toros University](#) Mersin, Turkey | 07/2022 – 09/2022

- Gained experience in a variety of IT tasks, including **software development, system administration, and network engineering**.

Freelance | Full Stack Web Development Mersin, Turkey | 09/2021 – 09/2022

- Able to work independently to meet **deadlines** and deliver projects on time and within budget.
- Collaborated with marketing agencies for developing their websites while including **SEO**.

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## Education

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**Toros University** | Bachelor of Computer and Software Engineering

Mersin, Turkey | **09/2019 – 07/2023**

- Ranked **1<sup>st</sup>** Student on Computer and software Engineering Department and Engineering Faculty and Ranked **2<sup>nd</sup>** on the whole University.
- **GPA: 3.77/4.00**. Passed all semesters with honors. (Transcript)
- Member of administrative board in **Computer Sciences Community**
- **Graduation Project:** Behaviour Cloning Self Driving Car
- **Top Projects:** Web Crawler, Inventory Management System, Library Management System, Cashier Application, Forums Web Application

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### Additional Courses

- Online Courses: ASP.NET, Full Stack Web Development, Laravel, C#, Java, Python, Android, Flutter, Deep Learning, Self-Driving Car, Data Structure, JavaScript, WordPress

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## Certificates

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**AI Engineer Internship Certificate** | Animals.ai ([Link](#))

Helsingborg, Sweden | **08/2023 – 10/2023**

- Completed an intensive internship program at Animals.AI, where I demonstrated **exceptional initiative and problem-solving skills**.
- Successfully completed a **computer vision AI project** originally scheduled for 3 months in just 2 weeks.
- Introduced and implemented an **innovative approach** to a project, resulting in improved efficiency and project outcomes **adopted** by the company.

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**Lead AI Engineer Smart Lab** | Toros University ([Link](#))

Mersin, Turkey | **Teknofest 2023**

- Online Courses: ASP.NET, Full Stack Web Development, **Laravel**, C#, Java, Python, Android, Flutter, Deep Learning, Self-Driving Car, Data Structure, JavaScript, WordPress

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**Certificate Of Completion** | Udemy ([Link](#))

Mersin, Turkey | **29.01.2023**

- The Complete Self-Driving Car Course – Applied Deep Learning
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