Ammar Hany
👤 Computer and Software Engineer

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Experienced **Computer and Software Engineer** with an interest in **AI, Computer Vision, and Backend,** specializing in **AI, Computer Vision, Backend, and IoT**. Proficient in **Python and C#**. I have over **3 years of experience**. Currently seeking **full-time opportunities** in **Software Engineering Roles**, I am 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, Spring Boot
Desktop Frameworks	WPF
Database Technologies	MySQL, MSSQL, SQLite, Firebase, Postgres
Mobile Frameworks	Android
AI Frameworks	TensorFlow, Keras, PyTorch, OpenCV, Ultralytics, Supervision, YOLO
Python Libraries	NumPy, Pandas, OS, Shutil, JWT, Gunicorn, 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, Fl Studio, Microsoft 365 (Office), Microsoft Word, Excel, Power Point, 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, Game Industry
Languages	English (C2), Turkish (B2), Arabic (Native), Swedish (A1), French (A1)
Skills	Quick Learner, Attention to Detail, **Problem Solving**, Creativity, Teamwork, Mentorship, Leadership, Fast typer

Work Experience

Mid-Level Software Engineer | Anímals 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.**

Education

[Toros University](#) | bachelor's degree in computer and software engineering
<div align="right">Mersin, Turkey | **09/2019 – 07/2023**</div>

- Ranked **1st** Student on Computer and software Engineering Department and Engineering Faculty and Ranked **2nd** 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

Additional Courses

- Online Courses: ASP.NET, Full Stack Web Development, Laravel, C#, Java, Python, Android, Fl Studio, Learning, Self-Driving Car, Data Structure, Algorithms, JavaScript, WordPress, Pytorch, Spring, Spring Boot

Certificates

AI Engineer Internship Certificate | Animals.ai (Link)
<div align="right">Helsingborg, Sweden | **08/2023 – 10/2023**</div>

- 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.

Lead AI Engineer Smart Lab | Toros University (Link)
<div align="right">Mersin, Turkey **| Teknofest 2023**</div>

- Built backend system with a **GPU-accelerated computer vision model** to detect selected fruits for **Autonomous Harvesting robot** and get their coordinates. Teknofest Contest Was attended by **2.5 million visitors. Ranked 25th**.

Certificate Of Completion | Udemy (Link)
<div align="right">Mersin, Turkey | **29.01.2023**</div>

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