

Faris Mektem

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Technical Skills

Programming Languages : Java, C, C++, Rust, Python, PHP, SQL
Web Development : Angular, JavaScript, TypeScript, HTML, CSS, REST
DevOps : Nix, Terraform, Ansible, Docker/Podman, Vagrant, Jenkins, Bitbucket
Linux Tools : git, zsh, unix, vi(m), NFS, SMB/Samba

Employment & Experience

Data Annotation, Remote | **AI Data Specialist**

October 2024 - Present

- Conducted quality assurance audits on large-scale datasets, identifying and correcting data integrity issues that increased model training efficiency by 15%.
- Collaborated with cross-functional teams to analyze and refine annotation guidelines, reducing labeling inconsistencies by 30% and accelerating project turnaround time by 20%.
- Applied domain-specific labeling across 10+ annotation projects, meeting or exceeding daily production quotas by 120% while maintaining top-tier accuracy scores.

Amadeus, London | **Software Engineer / Software Developer**

November 2021 - August 2024

- Implemented features to handle very large volumes of transactions for flight disruptions on main CML (backend) project of the company.
- Collaborated on a team of 10+ developers to deliver high-quality software solutions in an Agile environment, contributing to successful releases of key features on schedule.
- Spearheaded development of a new Angular-based web product for airline clients, enhancing customer experience through a user-friendly interface; led design and implementation of UI stages with our QAs, ensuring alignment with client requirements.
- Developed back-end services in C++ for essential airline functions, contributing to functional tests in collaboration with airlines in Python on Linux platforms, to enhance reliability.
- Delivered timely updates and resolved critical bugs for a high-traffic Java-based front end, resulting in a 30% improvement in system stability.
- Coordinated directly with airline clients to validate and customize software for ground operations, achieving a 95% user satisfaction rate in pilot tests at multiple airport locations.
- Contributed as a core member of the 'Disruption' department, handling flight disruption scenarios for 100s of airlines, leveraging both functional and technical expertise to ensure seamless user experiences during critical operational times.

University of Kent, Canterbury | **Tutor Assistant**

January 2020 - March 2020

- Mentored 15+ first-year Computer Science students twice a week, providing support in core programming concepts and helping them resolve homework assignments in subjects like algorithms and data structures.

University of London Officers' Training Corps (ULOTC), Canterbury | **Officer Cadet**

October 2019 - March 2020

- Facilitated operational briefings and debriefs for a team of 20+ personnel, ensuring clear understanding of mission objectives; this clarity contributed to maintaining an operational efficiency rate exceeding 95% under tight timelines.
- Enhanced collaboration and communication skills in a diverse, team-based environment, contributing to a 20% improvement in team productivity during joint operations.

Education

University of Kent, Canterbury | **BSc Computer Science** - 2:1

September 2018 - July 2021

- Introduction and Further Object-Oriented Programming (Grade of 86% and 80% respectively – all coursework) Developed a good foundation in Object-Oriented Programming (OOP), enabling me to design and implement effective, real-world applications. These modules provided in-depth experience in creating scalable and maintainable code.
- Databases and the Web (Grade of 83% overall - 95% in coursework, 70% in exam) Gained practical skills in building dynamic, interactive websites using SQL, JavaScript, and PHP. This module strengthened my ability to design functional and user-focused web applications, integrating back-end databases to create seamless, data-driven experiences.

Interests & Hobbies

- I've setup and maintained a home server system using Proxmox with multiple virtual machines, including TrueNAS for storage, a Debian server with Docker for hosting local services, and my personal website (mektem.com) and Git server.
- Enjoy carpentry projects, building and restoring furniture, and developing woodworking skills through DIY projects.