

Masoud Salehi

Working Permit: 120 days/240 half days

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EXPERIENCE

- **ProQVis GmbH** Munich, Bavaria, Germany
Software Engineer - Working Student *April 2022 - Present*
 - **Python Developer (Odoo ERP Framework):**
 - * Development of Odoo applications within the Odoo ERP Framework, contributing expertise in Requirement Engineering and creating robust Python classes with intricate relationships, including one2many, many2many, and many2one fields.
 - * Innovating and implementing complex Python functions to fulfill specific business requirements, showcasing a deep understanding of the Odoo framework, and Python programming.
 - * Development of XML views for Odoo
 - **Infrastructure Administration:**
 - * Taking a lead role in Infrastructure Administration, with key responsibilities including the configuration and maintenance of the Gitlab server, implementation and management of Git Policies, and setting up CI pipelines for enhanced collaboration.
 - * Proficiently managing Docker Containers and ensuring the seamless administration of the Linux server. Configuration of Nginx and SSL for secure and optimized server communication.
 - * Documenting processes to ensure knowledge transfer and foster a collaborative work environment.
- **Porsoo Electronic** *April 2019 – September 2021*
Network Administrator
 - **Network Administrator:**
 - * Administration of the company's computer network, overseeing Microsoft servers, including Active Directory, File Server, DNS, and DHCP.
 - * Managed clients' Internet accounts efficiently using Kerio firewall administration, ensuring secure and reliable internet access.
 - * Demonstrated adeptness in handling access rights for clients based on management instructions, particularly in the context of File Server management.
 - * Maintained printers and print servers on the Microsoft Print Server, contributing to a streamlined printing process.
 - * Conducted hardware and software maintenance for customer computers, resolving issues promptly and ensuring optimal functionality.

EDUCATION

- **University of Passau** Passau, Germany
Master of Science in Computer Science *October. 2021 – Present*
- **University of Semnan** Semnan, Iran
Bachelor of Engineering in Information Technology *October. 2015 – February. 2019*

PROGRAMMING SKILLS

- **Languages:** : Python, C++
- **Technologies:** : Docker, Git, Nginx, Odoo, Linux, Regex, Microsoft Servers, Cisco Devices, Firewalls, Pandas, NumPy, Scikit-learn, Powershell

LANGUAGE SKILLS

• **Persian:** Native

English: C1

Deutsch: A2

PROJECTS

- **Mining Software Repository:** Analyzed code complexity and Self-Admitted Technical Debt (SATD) correlations using Python and Git. Investigated pull request reasons and developed a prediction model for merges. Explored developer-driven code readability improvements and prediction models.
- **Machine Learning - Housing Price Prediction:** Built a regression model to predict the prices of houses in Tehran.
- **Machine Learning - Heart Attack Risk Prediction:** Developed classification models to predict the risk of heart attacks using Logistic Regression and Decision Tree methods.
- **Machine Learning - Customer Clustering:** Applied DBSCAN, Hierarchical, and K-Means clustering methods for customer segmentation.
- **Machine Learning - Movie Recommender System:** Implemented Collaborative Filtering (User-Based) and Content-Based methods to recommend movies to users.
- **Car Price Prediction:** Extracted and stored car data from a website, and built a predictive model for price estimation using Scikit-learn.

VOLUNTEER WORK

Intercultural Summer Festival Organizer *ALL YOU CAN DO Program, University of Passau, Summer 2023*

- Organizing Musicians and playing Piano
- Hours: Approximately 40 hours/semester

Mentoring Ukrainian Potential Students *ALL YOU CAN DO Program, University of Passau, Winter 2022/2023*

- Mentoring potential Ukrainian Students to prepare for University
- Hours: Approximately 20 hours/semester