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)**:
    * Requirement Engineering for developing Odoo applications
    * Development of different models and Python classes in odoo
    * Development of complicated Python functions
    * Development of XML views for Odoo
  - **Infrastructure Administration**:
    * Configuration and maintenance of the Gitlab server.
    * Implementation and management of Git Policies.
    * Setting up CI pipelines.
    * Management of the Docker Containers.
    * Administration of the Linux server.
    * Configuration of Nginx.
    * Configuration of SSL.
    * Documentation.

- **Porsoo Electronic**
  Network Administrator   *April 2019 – September 2021*
  - **Administration of the company's computer network**:
    * Administered Microsoft servers, including Active Directory, File Server, DNS, and DHCP.
    * Managed clients' Internet accounts using kerio firewall administration.
    * Granted access rights to clients based on management instructions (File Server).
    * Maintained printers and print servers on Microsoft Print Server.
    * Handled hardware and software maintenance for customer computers.

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*

- Hours: Approximately 40 hours/semester

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

- Hours: Approximately 20 hours/semester