

Mariam AlHalabi

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SUMMARY

Enthusiastic and dedicated Software Engineering graduate with a passion for leveraging technology to solve complex problems. Skilled in AngularJS, C#, PHP, Python, Django, JavaScript, HTML, CSS, and SQL, with expertise in REST API development and Bootstrap for responsive design. Adept at diving into the realm of Machine Learning, demonstrating a commitment to staying at the forefront of emerging technologies. Known for being a hardworking individual with a keen eagerness to learn and a track record of delivering high-quality results. Excited about contributing technical expertise to innovative projects and continuously expanding skill sets in the dynamic field of software engineering.

SKILLS

Angular JS, Python, Django, PHP, C#, JavaScript, html, CSS, Bootstrap, SQL, Selenium, Beautiful Soup, Restful API, Pandas, NumPy, GitHub, Java, Ubuntu, Bash Scripting, Technical Documentation, Requirements Gathering, Problem Solving, Engineering, Debugging, Bug Tracking, Unsupervised Learning, Recommender Systems, Collaborative Filtering, Artificial Neural Networks, Supervised Learning, Anomaly Detection, Reinforcement Learning, Decision Trees, Regularization to avoid overfitting, Gradient Descent, Logistic Regression for classification, Logistic Regression, Tree ensembles, XGBoost, TensorFlow, Help Desk Support, VMware, Microsoft SQL Server.

EXPERIENCE

Software Engineer – Internship

Vanrise

February 2023 – April 2023

- Implemented a full-stack flow for a project involving client data management and reporting.
- Developed front-end components using html, CSS, and AngularJS including grid with search and add functionality, modal dialogs using UI-Bootstrap, and custom directives for client type and device selectors.
- Utilized CSS3 and Bootstrap for styling and layout design.
- Integrated back-end functionality using ASP.NET MVC with Web API for RESTful API development.
- Implemented static members and distinguished between MVC controllers and API controllers.

- Stored static data at the server-side level and implemented data retrieval, addition, and update methods using HTTP requests and inline SQL queries.
- Developed stored procedures for database operations and handled database connections at the server-side level.
- Employed C# features such as delegates, Func, and params for efficient coding.
- Implemented user authentication with encrypted passwords and added validation for all input fields.

IT Support Specialist – Part Time

Scope for IT services

July 2022 – February 2023

- Providing technical support through help desk
- Installing and configuring hardware and software
- Maintaining and upgrading computer systems
- Monitoring and managing networks
- Conducting system backups and recovery
- Ensuring system security

CERTIFICATES

- Introduction to Generative AI
- Neural Networks and Deep Learning
- Machine Learning Specialization
- Unsupervised Learning Recommenders, Reinforcement Learning
- Advanced Learning Algorithms
- Supervised Machine Learning: Regression and Classification
- Improving Deep Neural Networks: Hyperparameter Tuning, Regularization and Optimization

EDUCATION

Bachelor, Computer Science December 2024

Global University