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CHANA JACOBS

SOFTWARE ENGINEER

PROFILE

Software engineer with excellent programming skills, willingness and motivation to invest, ability to learn independently, meet deadlines, work under pressure and display excellent interpersonal skills.

I excel in broad depth thinking and exceptional creativity to solve problems. I completed my studies with high grades in algorithms and logics.

Looking a challenging role in a technology company where I can continue express my skills and develop professionally.

KNOWLEDGE

Sep 2020 - June 2023:

Software Engineering - Studies for a Software Engineer Certificate from מ"מ (Government Institute for Training in Technology and Science).

Additional courses and exams by **Kamatech - Extra Code.**

Studies for a teaching certificate and a senior teacher's certificate in computer science from the Ministry of Education.

Sep 2016 - June 2022:

High School.

Szold Institute

Mathematics Tests

Increased Szold

Institute Test 5 units of excellence in all subjects.

SKILLS

- Effective time management
- An excellent work ethic
- Functioning well in stressful situations
- Excellent interpersonal skills
- high level communication and teamwork
- Creativity

LANGUAGES

- Hebrew -fluent.
- English - high level.

EXPERIENCE:

ACTL Systems LTD | from 2023 Configuring Enterprise Architect UML tool for System Engineering at ELTA.

Development a comprehensive set of scripts and templates to facilitate the transformation and documentation processes within a System of Systems framework for Autonomous Vehicles. streamlining the documentation workflow and ensuring consistency across systems. Data exploration to identify insights, shape a templates and develop the scripts in a way that will maximize their effectiveness in obtaining the requested use case. Development on Python and VBscript languages, SQL for the DB.

Triple Whale -intern program | 2023 Data Engineering & Backend Development

Development of an integration system. Comprehensive data exploration to identify insights and shape a data scheme for integrations. Development of the fetcher in Python language, with an emphasis on exploration and full control of the API, High-scale specialization, handling limit rate and more - while adhering to industry best practices and coding standards. Writing unit tests and embedding the fetcher in the product. Ongoing work with the company's staff including PM staff to ensure effective code implementation. Using GitHub to keep up with tasks and deadlines. In addition to online courses and practical projects to expand knowledge and improve skills in software development, ex: c++, git etc.

PRACTICAL EXPERIENCE DURING STUDIES:

Application development and management side for a private courier company | 2023

Platform for coordination between couriers and senders around the world.

An image recognition AI algorithm will be used in Python to identify the location of the couriers.

server-side Nodejs, database MYSQL, client-side React using Primereact and Mui libraries, Artificial intelligence algorithm - Python, versioning - Git.

Student Practitioner | 2022 - 2023

Practitioner in Linux\Unix, Python, Java, SQL and Algorithms in Software Engineering Training (First-year student)

PROFESSIONAL DEVELOPMENT:

ML algorithms and models: Linear & Polynomial Regression KNN, SVM, k-means, PCA, Deep Learning (Neural Network), Computer Vision, etc.

Higher mathematics: Differential and integral calculus , Linear algebra , Statistics and probability, Discrete mathematics.

Python libraries: Numpy, Pandas, Matplotlib, Seaborn, Sklearn, cv.

Programming language: Python , C , C++ , C# , Java.

Web developing: HTML5 , CSS , JS , ES6 , NodeJS , React , WebApi.

Database: MongoDB , SQL Server.

Operating system: Windows , Linux\Unix.

Development environments: VS code , Eclipse , PyCharm , Jupyter , Visual Studio , EA - Enterprise architect.

More Courses: OOP , Information Security , Algorithms , Data Structures and Graphs , Operating Systems, English Technical, Computer Communication and Networks Cloud , Technologies Introduction to SQL, Optimization Threshold Language, Information Systems Analysis , Design Patterns.