Rani Maklada

Third year Computer Information System Student at University of Haifa

Experienced in programming languages such as **Java**, **Python, and C**, as well as **database management**, **data analysis**, and **web development**, I am **seeking an entry-level opportunity** in a software company where I can apply my knowledge and skills.

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Experience

Jan 2023 - Present

Aluma Internship Program
GMCE Haifa Hub

- Conducted **benchmarking** and **performance measurements** on systems
- Worked with **Linux environment** and coded using **Python**
- Contributed to improving system efficiency and stability through **data analysis** and **automation skills**

Dec 2015 - Aug 2018

Intelligence and Osint Analyst
Unit 8200 Israeli Intelligence Corps

400 intelligence branch awards of excellence

- Implemented **intelligence-gathering** strategies
- Maintained a high level of **confidentiality** and **security** in handling sensitive information
- **Trained and mentored junior analysts** in intelligence analysis techniques and procedures
- Contributed to the **development of intelligence reports and briefings** for senior leadership

Education

Oct 2020 - Present

B.Sc. Computer Information Systems
University of Haifa

MAIN COURSES: Introduction to Computer Science (C); OOP(Java); Data Structures & Algorithms; Databases management (Advanced SQL); Systems Design (JavaFX); Software Engineering (JavaFX); Operation Systems & Hardware (C, C++, Ubuntu); Machine Learning (Python, Sklearn, Pandas, matplotlib); BI (Tableau, Python, Jupyter Notebook); Computer Networking (TCP/IP, HTTP, DNS, FTP); Quality Assurance (Testing, Automation, Selenium, WebDriver, Jenkins, JUnit)

Projects

GitHub link: https://github.com/rani-maklada

Knights Move Game - Led a team of students in the **Agile development** of a **board game**, utilizing **Java design patterns** and **Git version control** to enhance functionality and maintainability

Development of GUI project with database - **Designed and developed** an Information Systems application using **JavaFX** for the front-end design, **java** for the back-end and **SQL** for database management

U.S. Elections Analysis - Utilized **Machine Learning** techniques to create predictive models in **Python**, using **NumPy** for numerical computing, **Pandas** and **Seaborn** for data visualization, and **Sklearn** for classification and clustering

Skills

- **Programming Languages:** Proficient in multiple programming languages including **Python, Java, C and SQL.**
- **Operating Systems Software:** Experienced in operating systems software, including **Linux**, with a strong understanding of **multi-threading** and **multi-processing** concepts and practices.
- **Software Engineer:** Skilled in **object-oriented programming** and **design patterns.** Strong knowledge of software development methodologies, including **Agile** and **Waterfall**.
- **Quality Assurance:** Proficient in Quality Assurance Automation using **Selenium**, with experience in testing, debugging, and continuous integration using **Jenkins** and **JUnit**.
- **Database:** I have practical experience working with both **relational** and **NoSQL** databases, including **MongoDB** and **MySQL**.