Sharon Shimon

Mobile 054-2692920 | E-mail psnsharon@gmail.com | GitHub | LinkedIn | Portfolio

SUMMARY
Computer Science student skilled in Python, JavaScript, C++, and full-stack development, with experience in building web applications, data analysis, and automation tools. Seeking a junior software engineer role to apply technical skills and project experience.

EDUCATION
B.Sc. in Computer Science - Holon Institute of Technology (HIT) -Expected Graduation: November 2025
Practical Electronics Engineer - Ort Rehovot, Israel (2013–2015)

PROJECTS
MaintControl - Web-Based Maintenance Control System- GitHub Repo
- Developed a full-stack maintenance control system in an **Agile** team using **React (front end)**, **Node.js/Express (back end)**, and **RESTful APIs** for efficient data communication.
- Integrated **MongoDB** for real-time updates, reducing downtime and enhancing system reliability.

NBA-MVP Prediction (Data Analysis & Machine Learning)-GitHub Repo
- **Automated** data scraping of player stats (1991-2023) using Beautiful Soup and Selenium.
- Built a **machine learning** model achieving 85% **accuracy** through feature engineering and preprocessing.

Dockerized React App with CI/CD Pipeline- GitHub Repo
- Dockerized a React app with an automated CI/CD pipeline using GitHub Actions.
- Set up CI/CD workflows for build, test, and deployment to AWS Elastic Beanstalk, improving deployment efficiency and reducing errors.

WORK EXPERIENCE
GII - Laboratory Technician (2021 – 2022)
- Supervised and **troubleshot** 150+ sensors, using systematic checks to **boost** data quality by 20%.
- **Calibrated** GPS and communication equipment, streamlining processes to achieve 95% accuracy in **data collection**.

Orbotech - Computer Hardware Technician (2020 - 2021)
- Assembled and **troubleshot hardware systems**, optimizing performance in a **Linux environment**.
- **Collaborated** with senior engineers, providing technical support to 50+ colleagues, reducing system downtime by 40% through efficient **troubleshooting**.

SKILLS
Languages: JavaScript, TypeScript, Python, Java, C#, HTML/CSS.
Frameworks/Libraries: React, Redux, Node.js, Express.js, Selenium, Pandas, BeautifulSoup.
Tools/Technologies: Git, Linux, Postman, MongoDB, SQL, Docker, Kubernetes.
Concepts: OOP, Data Structures, Algorithms, Machine Learning, Software Testing.

MILITARY SERVICE
Advanced technology systems technician (2016 - 2019)
- Led and mentored a team of 5 junior technicians during my military service, ensuring 100% system operational availability through effective collaboration and hands-on troubleshooting guidance.

VOLUNTEERING
ISEF - Israel Scholarship Education Foundation, Scholarship Holder 2023 – Present
- Actively promoting educational equity through mentorship programs. Awarded a Certificate of Excellence for outstanding contributions in 2023.

LANGUAGES
- Hebrew - Native Proficiency.
- English – Fluent (written and verbal).