בס"ד

Yehudit Sugarman - Software Engineer

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Profile:

Highly motivated for investment, paying attention to small details, coping with stressful situations and excellent interpersonal communication. Has a high work ethic, honest and responsible.

Work Experience:

- Creating an HSM product (Hardware Security Module cryptographic management system) built from three components:
  Raspberry Pi - the main interface of the system, exposes an encryption interface according to the PKCS11 protocol
  NXP SE050 component - dedicated hardware for creating encryption keys, which communicates with the Raspberry Pi using the I2C serial protocol MSP 430 component with FRAM memory to save "KEK keys" (the most secret) in a way that allows for immediate, non-recoverable deletion in case of Tampering (hacking attempt).
  The project included learning the world of encryption, understanding encryption protocols, in-depth research of existing open source products, learning and working with hardware and the SDK libraries of the various products.
- Development of the "Reminder" system - a system that sends reminders to the customer by email and mobile. using technologies:
  DB– Sql
  Server Side - Entity Framework C#
  Client Side- React , Java Script
- "Super Mario" game. project realized in C++ language, using design pattern.

Professional Knowledge:

- Programming languages and technologies- C++, C, Python, C#, Java, Assembly, JavaScript, , Node.js
- Systems information - SQL Server.
- Operating systems - Linux, Windows
- WEB environments: React, HTML, CSS
- Technology: .NET, EntityFramework, spring boot, WEB API
- Additional courses: Algorithms, data structures, Math (5 units), Operating Systems, Digital Systems, GitHub.
- Languages: Hebrew - native, English - very good.

education:

2022-2023- bootcamp of a security company
    The bootcamp was delivered with experienced mentors from the field, with experience in security companies and industry, who devoted their time to guiding the students at the same time as the Kama Tech team.
2021-2023- "Sharey Daat" seminar
    Software engineering studies on behalf of Mahat.
    At the same time participation in the UltraCode program on behalf of the Kamatech company.
    Very high grade point average.
2017-2021
     Beit Ya'akov High School, external exams compatible with matriculation.
     Very high grade point average.

Community service:

Volunteering at the organization "Ezer Mezion".

- Team leader fundraising for the organization.
- Regular volunteering at a club for children with special needs.

Social concentration in the high school years in the management of social projects.