Aviv Zecharia

052-7260607   aviv0606@gmail.com   LinkedIn   Tel Aviv

- **Software Developer with experience in leading global tech companies.**
- With a strong computer science background from a top university, practical experience from Intel.
- **Experience in Python, C++, System-Verilog, Git, Java, PostgreSQL, Linux, HTML, CSS, JavaScript, C#, Unity, CS fundamentals, Pandas, Numpy, Scipy, Pytorch, TensorFlow, Matplotlib.**
- Thriving in collaborative settings, contributing to team success with efficient code solutions.
- Committed to perpetual learning and delivering impactful contributions to software development projects, driven by a passion for innovation and continuous growth.

Experience

2022 – 2023 | Intel Corporation

Feb 2023 – Oct 2023 |Software and Automation Engineer | Haifa

- Designing and developing software tools primarily using **Python**, **Perl, Git** and **Linux OS**.
- Playing a critical role in developing **Lunar Lake (LNL)** and **Panther Lake (PTL)** computer chips.
- Collaborating cross-functionally to meet project requirements and deadlines.
- Actively participating in brainstorming and problem-solving discussions.
- Addressing critical bugs and contributing to documentation for seamless operation.
- Enhancing tool capabilities and conducting code reviews.
- Staying updated with emerging technologies to contribute innovative ideas to projects.

Feb 2022 – Feb 2023 | Verification Engineer | Jerusalem

- Acquiring expertise in hardware development, utilizing **SystemVerilog**, **Python, Git**, and **Linux OS**.
- Designing and implementing tests to detect critical bugs, including message encryption and traffic overload issues.
- Analyzing intricate chip architecture and components of the **LNL** and **PTL chips**.
- Collaborating closely with cross-functional teams, including chip design and architecture groups.
- Authoring over 20 successful tests covering various aspects of chip functionality.

Education

B.Sc Computer Science | Hebrew University of Jerusalem, 2018-2022.

Full Matriculation | Makif Yehud High School, 2010-2013. Extended Software Engineering and Physics.

Military Service

MMR Radar Technician, Staff Sergeant (סמל ראשון) | C4I Corps, 2014-2017.

Languages

English – Professional   **Hebrew** – Native   **Spanish** – Medium   **German** – Medium