



Leonard Haddad



### Contact



+49  
support@isratech.software

### Spoken Languages

German - Mother Tongue  
Arabic - Mother Tongue  
Hebrew - Fluent  
English - Fluent

### Nationalities

German  
Israeli

### Social Links

@xleolion3  
<https://leolion.tk/>  
<https://uni.leolion.tk/>  
<http://isratech.software/>

### Education

- Since 04/2022** - Computer Science M.Sc. at the University of Bremen in Germany.  
- IT Skills: Python, Cybersecurity, Machine Learning, Medical Image Processing.
- 10/2018 - 03/2022** - Computer Science B.Sc. at the University of Bremen in Germany.  
- IT Skills & Tools: Java, C#, C++, Python, Haskell, Cybersecurity, Computer Architecture, Software Architecture and Design, Circuitry Modelling, RISC-V Assembly, Unity, Robotics, Git, SVN, Gitlab.
- 08/2017** - Israeli Bagrut (high school) at Chrysostomous Secondary School in Jish Israel.

### Work Experience

- Since 02/2023** - Freelancer at Studicon GmbH  
- IT Skills & Tools: Scrum Master, Project Management, Python, Javascript (Vue3, React), HTML5, CSS, Prompt Engineering, ChatGPT, Docker, NginX, Azure AD, Oracle Cloud, AWS, Flask, Sqlite, MySQL, Bash, Git.
- Since 01/2022** - Full-Stack Java and FirstSpirit developer at adesso SE AG.  
- IT Skills & Tools: Java, Python, Golang, Javascript, Typescript, PHP, HTML5, CSS, Grafana, Docker, NginX, PostgreSQL, MySQL, Sqlite, Test-Automation, Browser-Automation, Bash.
- Since 01/2021** - CEO IsraTech Software Ltd.  
- Skills: IT Consulting, Network and System Administration, Software Engineering, Unifi.
- Since 2015** - Network and System Administration at Gech-BJ Engineering Ltd. Jish, Israel.  
- IT Skills: Powershell, Bash, Cybersecurity, Wired and Wireless Security, Service Automation.
- 10/2019-02/2022** - Media Informatics Tutor at the University of Bremen.  
- Skills: University Teaching, Online Teaching, Python, C#, Unity.

### Projects (University)

- Master's project: Project "DeepAnatomy"** (<https://deepanatomy.com/>) at Fraunhofer MEVIS.  
- Using machine learning to detect objects within medical prostatectomy operation videos, with the goal of achieving real-time object detection to assist in surgery.  
- Technologies: Python, Tensorflow, MeVisLab by Fraunhofer.
- Bachelor thesis: Project "B-Human"** (<https://b-human.de/>) at DFKI/University of Bremen.  
- Teaching robots to show emotions as reaction to specific events during robot soccer matches.  
- Technologies: C++.
- Bachelor's project: "Project SEE (Software Engineering Experience)"** - collab Axivion GmbH.  
- Goal: Enabling interactive software engineering through VR/AR.  
- Technologies: C#, Unity.
- Software project: "Galaxytrucker"** - A clone of the game "Faster than Light (FTL)"  
- Technologies: Multithreaded Java with custom Network protocol, H2, LibGDX Game Engine,
- Software project: "SFB Farbige Zustaende"**  
- A mangement system for the material engineering faculty for tracking processes.  
- Technologies: JakartaEE, H2, Hibernate (JPA), JSF, Bootstrap, HTML, CSS.

### Projects (Own/Clientele \*confidential projects excluded\*)

- Client: Hotel Management System** (Details confidential)  
- Technologies: JakartaEE, Wildfly/JBoss Server, H2, Bootstrap, HTML, CSS.
- Client: Student Grading System** (Details confidential)  
- Technologies: JavaFX, SQLite.
- Own: Open Source File Transfer App** (Cross-Platform, Android, published Android app)  
- End-to-End fast file transfer using custom network protocol (details on my website).  
- Technologies: Python (Sockets Library), JavaFX (with Socket API), Java for Android.
- Own: Sharky the Angry Sharkfish** (Unity for Android, published Android app)  
- Addictive video game where one needs to eat fish and avoid harpoons.  
- Technologies: C#, Unity for Android.
- Own: Semester-Planer Schedule Generator** (Java for Android, published Android app)  
- Android app for generating a tabular schedule based on entries.  
- Technologies: Java for Android.
- Own: Open Source Password Generator** (First project, 1st semester, published Android app)  
- Android app for generating secure passwords.  
- Technologies: Java for Android., "Processing" framework.