





# Ahmad Shammout

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## EDUCATION

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**Karlstad University**

Sep 2021 - Jun 2026

*Master of Science in Computer Engineering*

## RELEVANT COURSES

**Courses:** Computer Networking I, Operating Systems, Data Structures & Algorithms, Software Engineering, Computer Security I, Database Techniques, Embedded Systems, Software Development Methodology (OOP)

## SKILLS

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**Languages:** C, C#, Python, Java, JavaScript SQL, PHP, & HTML/CSS

**Tools:** Git/GitHub, Unix Shell, VS Code, Visual Studio, Jupyter, Android studio, Excel, SSMS & MongoDB

**Frameworks:** Django, ASP.NET Core, React.js, Node.js, & Express.js

**Libraries:** Pandas, NumPy & Matplotlib

**Project Management:** AGILE & SCRUM

## PROJECTS

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**ProBITS (Behavioral Informatics AB)** | *Python(Django), HTML, BootStrap, JavaScript & Postgresql* Sep. 2024

- Thesis project focused on developing and improving the ProBITS's Coach Portal.
- Developing and enhancing the ProBITS by improving the user interface of the coach portal.
- Implementing key features such as real-time notifications and chat to improve functionality and user experience.

**ElderCare** | *Java, Node.js with Express, MongoDB, Android Studio, Git, Postman, AGILE & Scrum Master* Sep. 2023

- This project was undertaken during the Software Engineering Course where we worked in the agile method, and I served as the Scrum Master.
- Developed ElderCare, a mobile application aimed at reminding seniors to eat their meals.
- Utilized Android Studio for front-end development with Java, and Node.js with Express for back-end, with MongoDB as the database.

**InventoryPOS** | *C#.NET, API, UWP, CSV Storage* Maj. 2024

- Developed a business management system tailored for a media store to streamline operations.
- Implemented functionalities for inventory tracking, product addition and removal, and stock updates.
- Facilitated sales processing through a user-friendly shopping cart interface, ensuring efficient transaction management.
- Utilized CSV-based data storage for easy data management and retrieval, focusing on ease of use and error prevention.

## WORK EXPERIENCE

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**Inera Test och utveckling** | *Software Engineer* | *Part-time*

Jan. 2025 – Present

**Apecs Studentkonsulter** | *IT-Consultant*

Jan. 2024 – Feb. 2024

**Scandic Hotels & Gossip and Bubbels** | *Receptionist & Waiter*

June. 2023 – Present

**Sunne Sommarland** | *Facilities Manager*

April. 2021 – September. 2021 & April. 2022 – September. 2022