Adres Fattah

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EDUCATION

Via Universty Colleage
Horsens, Denmark

PBA in Software Engineering   *Expected Graduation, jan 2027*

- **Related Coursework:** Data Structures & Algorithms, Objects & Design, Computer Organization & Programming, Machine Learning, Object-Oriented Programming, Embedded Software, Devops, Business intelligence, Data visualization, UI/UX

EXPERIENCE

Interacoustics   **Middelfart, Denmark**

Software Development Engineering Intern   *Aug 2025 – dec 2025*

- Created an QR-scanner that can scan QR codes using third part libraries
- Worked with developing gui to an embedded device, developed the gui in LVGL (Light and Versatile Graphics Library)
- Developed a Bluetooth interface for a Bluetooth chip to enable communication between the device and its low-level interface.
- Worked on unit testing using GoogleTest and GoogleMock.
- Developed a messaging system for a battery simulator.
- DevOps in Microsoft Azure
- All tasks were developed using object-oriented principles in C++ and other relevant programming languages.

PROJECTS DURING SCHOOL

Greenhouse (Embedded)

Developer   *feb 2025 – July 2025*

- Designed IoT solutions with CI/CD, hardware programming, cloud backend, and DevOps.
- Developed an IoT-based greenhouse integrated with machine learning(python) and a frontend solution.

Car Rental System

Developer/product Owner   *sep 2024 – jan 2025*

Developed a car rental system using a microservices architecture with REST and gRPC for communication, Hibernate for the relational database, and .NET with Blazor for the frontend. Implemented JWT authentication.

Online shopping system

Developer/scrum master   *feb 2024 – July 2024*

- Developed client/server systems with a focus on UML, SQL, unit testing, and Scrum.
- As a team, we built an online shopping cart system based on SOLID principles for maintainability and scalability.

Project Management - Single-User System

Developer   *aug 2023 – jan 2024*

- A system that monitors project progress and expenses while providing a website that displays real-time updated data. built using Java, JavaFX, JavaScript, XML, HTML, and CSS.

Experience & Interests

I have worked as a receptionist at Hotel (Mar. 2024 – aug 2025), handling guest service, check-ins/outs, and teamwork.
I have worked at Fakta/Coop 365 Fredericia (May 2019 – Mar. 2024), where I took responsibility for closing shifts and developed leadership and customer service skills.
I lead an active lifestyle, train 3–4 times a week, and enjoy reading and socializing with friends.
I am passionate about football (a Liverpool fan), traveling, and exploring new cultures.

SKILLS

Programming: Java, Python, JavaScript, SQL, Node.js, React.js, C++, C, .NET, C#
Tools: IntelliJ, Visual studio code, Azure Devops, Jupyter Notebooks, Git, Bootstrap, Spring Boot, Agile, SConstruct