Ahmad Shammout

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EDUCATION

Karlstad University — September 2021 - June 2026
Master of Science in Computer Engineering

COURSEWORK

Courses: Software Engineering, Computer Security I, Computer Networking I, Operating Systems, Data Structures & Algorithms, Theoretical Computer Science, Computer Engineering, Software Development Methodology (OOP), Embedded Systems, Experimentation and data analysis, Digital Electronics, Discrete Math, Probability & Statistics, Linear Algebra, Calculus, Projects and leadership for engineers

Online Courses : Google Data Analytics Professional Certificate (Coursera). Show Certificate

Current Courses : C#.NET, Programming Languages, Database Techniques & Business Intelligence

SKILLS

Languages: C, C#, Python, Java, JavaScript & HTML/CSS
Tools: Git/GitHub, Unix Shell, VS Code, Visual Studio, Jupyter, Android studio, Excel & MongoDB
Frameworks: React, Node.js, Express & WordPress
Libraries: Pandas, NumPy & Matplotlib
Project Management: AGILE & SCRUM

PROJECTS

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.

Sales Analysis | *Python, Pandas, Matplotlib, Jupyter, Data Analysis* — May 2023
- Led Python-based sales analysis project utilizing Pandas and Matplotlib
- Performed data collection, cleaning, and preparation for analysis
- Implemented diverse analytical techniques for insights extraction
- Created informative Matplotlib visualizations showcasing sales trends

Brick Breaker | *Java, , Object-Oriented Programming, Game Development, IntelliJ IDEA* — Mar. 2022
- Developed a Brick Breaker game using Java and object-oriented programming principles
- Implemented game mechanics including paddle movement, ball physics, and brick destruction
- Utilized Java Swing for graphical user interface (GUI) development and rendering

Personal Portfolio Website | *Html,CSS & Javascript* — Dec. 2023
- Designed and developed a personal portfolio website using HTML, CSS, and JavaScript
- Implemented responsive design principles to ensure compatibility with various devices and screen sizes

WORK EXPERIENCE

Scandic Hotels | *Receptionist* — June. 2023 – Present

Gossip & Bubbels | *Waiter* — June. 2023 – Present

Sunne Sommarland | *Facilities Manager* — April. 2021 – September. 2021 & April. 2022 – September. 2022