

Fadi Masannat

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HIGHLIGHT

Junior at Iowa State University pursuing a B.S degree in Software Engineering and a minor in Cyber Security. Eager to accept responsibility, complex problems and sensitive tasks. Searching for a summer 2025 internship.

EDUCATION

Iowa State University – GPA: 3.55 / 4.0

Ames, Iowa

Bachelor of Software Engineering – Cyber Security Minor

Expected Graduation: May 2026

- **Relevant Coursework:** Software and App Development – Algorithms and Data Structures – Embedded Systems Construction of User Interfaces – Object Oriented Programming – Computer Engineering Digital Logic – Database Management – Game Design and Website Development – Cybersecurity Fundamentals – Software Architecture

WORK EXPERIENCE

ProgressSoft Corp.

Amman, Jordan

Software and Full stack Development Intern

June 2024 – July 2024

- Developed 4+ **Spring Boot** and **AngularJS** applications with **REST API** integration and **Docker**, enhancing processing speed by **32%** and reusability of older models by **58%**.
- Implemented and optimized electronic check clearing cycles, enhancing transaction efficiency by **45%**. Conducted comprehensive UI and **data flow testing**, reducing error rates by **30%**.

Avertra Corp.

Amman, Jordan

Software Development Intern

July 2020 – August 2020

- Led the development of **5+ websites** using the **Mendix** low-code platform, enhancing user interface design and increasing user engagement by **40%**, and lowered bounce rate by **15%**.
- Managed project timelines and deliverables through strategic planning and regular consultations with stakeholders, achieving **95%** on-time project completion.

PROJECTS

Apollo: Productivity and Time Management Application

May 2024 – August 2024

- Designed and implemented responsive UI components with **ReactJS**, styled with **Tailwind CSS**, enhancing user experience and achieving a **25%** increase in user engagement.

Awakened Agency

June 2024 – Current

- Founded and operated a web design agency, generating over **\$10,000** in profit and successfully designing and launching **5+ websites**, delivering high-quality, customized full stack solutions to clients.

Diabetes Diagnosis & Dosage Predictor ML Bot

December 2024 – January 2025

- Engineered a **machine learning model** using **artificial neural networks** to predict insulin dosage adjustments based on patient data, improving dosage accuracy by **35%**. Developed using **Keras** and **Numpy**

Cynance – Mobile Financial Management Application

February 2024 – August 2024

- Developed a secure backend using **Spring Boot**, implementing **RESTful APIs** with **JWT authentication**.
- **Android Studio** frontend integrating **OpenAI** and **Google APIs** to provide smart financial insights and automated budgeting analysis based on personalized plans.
- Implemented **CI/CD pipelines** for streamlined deployment, leveraging **Docker** for containerized architecture. Coupled with **Test-Driven Design (TDD)** to enhance code reliability, reducing bugs and improving maintainability.

SKILLS

Languages: Typescript, Java, SQL, HTML5, CSS, JavaScript, C, Verilog, C++, Python, C#

Libraries / Frameworks: ReactJS, AngularJS, Tensorflow, MySQL, Node.js, MongoDB, NextJS, IntelliJ, WordPress, Quartus Prime, Questa Sim, Eclipse, Gitlab, GitHub, Postman, Figma, Adobe Suite, Unity