

# Abdullah M. Dajani

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## EDUCATION

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### Bachelor of Science in Computer Engineering

Purdue University, West Lafayette, IN, USA

Anticipated: May 2027

- GPA: 3.5

## EXPERIENCE

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### Software Engineering Intern, Riyadh, KSA

July 2024 – August 2024

Crediflo (Part of Aion Digital Group)

- Crediflo is a B2B fintech solutions startup offering interfaces and APIs for businesses to integrate into existing systems.
- Documented bugs for the platform.
- Documented backend operations. Mainly login, authentication, and user entitlement microservices in a NestJS application for tenants (Crediflo's clients) and users (tenant's clients).
- Assisted an intern in setting up backend services locally.

### Investment Analyst Intern, Riyadh, KSA

July 2023 – August 2024

Tamasuk Alrajhi

- Created comparative profitability & cash flow Excel sheets for 2 IPO offerings in Nomu Stock Market.
- Conducted comparative analysis of returns on Islamic USD-denominated fixed-income funds against global Sukuk index & fund peers using Bloomberg terminal.
- Performed due diligence for fintech (Crediflo), HR SaaS, and F&B delivery startups. Drove data-driven decisions.

## PROJECTS

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### Credit Card Verification REST-ful API

June – June 2024

- Developed a Credit Card verification API with Flask using Luhn's algorithm.
- API checks for card type (VISA, AMEX, MASTERCARD) and stores an encrypted credit card number (for extra safety) in an SQLite database.
- Continuous JavaScript data are fetching to ensure seamless integration with front-end apps.

### Tire Performance Analysis

February – April 2024

- Analyzed, in a team, summer, winter, and all-season tire performance for SUVs, Sedans, and Hatchbacks.
- Engineered a MATLAB algorithm to reduce noise, systematic, and random errors, achieving a 4.33% error rate.
- Authored a comprehensive technical report, including detailed MATLAB graphs, for a tire company.

### Peanut Butter Lid-Integrated Mixer

May – June 2022

- Received \$16,000 and won 2<sup>nd</sup> place in an engineering hackathon for engineering a peanut butter lid-integrated stirrer and spreader combo.
- Enhanced mixability and reduced fluid drag by 60% by using a multi-gear hollow leaf-shaped mixer.

## HONORS & EXTRACURRICULARS

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**Courses:** CS50 x Harvard, NestJS: The Complete Developer's Guide.

**Honors:** Dean's List. Recipient of 3 full-ride college scholarships.

**Leadership & Volunteering:** • Founder of Daily Reminders non-profit, helped +1500 high school students prep for college. • Led 20 scouts in seven volunteering opportunities. Taught CPR + Paramedic badge skills. • Jointly created a new visual design identity at Purdue Saudi Student Association. • Artist volunteer at a children's art booth, registered incoming donors at American Red Cross. • Organized a diabetes running awareness event with Novo Nordisk.

## TECHNICAL SKILLS

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**Languages:** JavaScript, Python, C, MATLAB

**Technologies:** NestJS, TypeScript, Jira, TypeORM, Postman, SQLite, REST-ful APIs, Flask, Tailwind CSS, HTML5.

**Important Links:**

Portfolio: [amdajani.com](http://amdajani.com)

GitHub: [github.com/amdajani](https://github.com/amdajani)

Instagram Blog: [instagram.com/amdajani\\_com/](https://www.instagram.com/amdajani_com/)