

# Mohammed Faroun

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## EDUCATION

### University of Illinois, Urbana-Champaign

Master of Science in Computer Science

Champaign, IL

Expected Jul 2026

**Relevant Courses:** Software Engineering | Artificial Intelligence | Data Visualization

### University of Illinois, Chicago

Bachelor of Science in Information and Computer Science

Chicago, IL

Jan 2022 - Dec 2024

**Relevant Courses:** Statistics | Data Science | Database Technology

GPA: 3.87 | Honors/Awards: College Honors, Dean's List, Cum Laude

## WORK EXPERIENCE

### CuesHub

Remote

Software Engineer Intern

Jul 2025 - Current

- Enabled personalized experiences for 1,000+ users by capturing stress data from connected wearables during onboarding
- Parsed 15+ health metrics via Apple Health and Google Fit APIs to deliver accurate, actionable insights
- Boosted user retention by 35% by engaging with design and marketing teams to optimize a 7-step onboarding flow
- Streamlined communication and decision-making between 24 cross-functional team members by engaging in daily syncs

### CodePath

Remote

Tech Fellow

May 2024 – Current

- Optimized solutions for 50+ data structure and algorithm problems by writing and testing Python algorithms
- Improved code quality for 60+ students by conducting 1:1 code reviews and communicating best practices
- Enhanced clarity for 80% of learners by collaborating with instructors to refine and enhance session materials
- Strengthened student coding and technical skills by leading 3+ breakout rooms of 4+ students with live coding sessions

### IDS Consulting

Remote

Software Engineer Intern

Aug 2024 - Dec 2024

- Processed over \$1K in transactions within 3 months by deploying an e-commerce site using React, Material-UI, and Stripe
- Drove engagement up by 20% by building an AI-driven advertisement bot that automated over 10 social media campaigns
- Increased web visibility by 30% by leading quality assurance, keyword strategy, and analytics initiatives of a team of four
- Strengthened team efficiency by leading weekly meetings with 5 teammates and a client to align on project goals

## PROJECTS

### North Face Employee Aid

*Flutter, Dart, Flask, Python, SQLAlchemy, SQLite DB, REST API*

- Elevated customer engagement by over 40% by leveraging Gemini AI to deliver personalized jacket recommendations
- Managed 500+ products with images, prices, and sizes by building a RESTful API backend using Flask and SQLite
- Saved employees 5+ hours weekly by optimizing product lookups, stock replenishment, and barcode scanning processes

### AI Driven Advertising Agent

*Python, Gemini, ImageAPI, Facebook API, Instagram API, Tkinter*

- Cut scheduling time by 50% by automating cross-posting through unified Facebook and Instagram APIs
- Grew web traffic and engagement by 25% by training Gemini to generate product captions
- Amplified ad banner accuracy by 30% by developing an AI-driven image generation and editing feature

## SKILLS

**Languages:** R | Dart | VBA | C++ | Java | Python | JavaScript | SQL | C | HTML | CSS | Swift | XML | TypeScript | Kotlin

**Frameworks:** Flutter | Django | Flask | Next.js | React | Bootstrap | Node.js | Express.js | Agile | Angular | Spring Boot |

**Libraries:** TensorFlow | Scikit | SQLAlchemy | NumPy | PyTorch | Pandas | Git | Matplotlib

**Tools:** AWS | Firebase | Azure | IntelliJ | Xcode | Eclipse | Visual Studio Code | Android Studio | Excel | Access | Figma |

UNIX | Docker | Canva | VMware | Linux | Bash | Gradle | JUnit | Maven | Postman | OpenRefine