

# MAZIN SALEH

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## EDUCATION

### UNIVERSITY OF FLORIDA

Graduating May 2026

*Bachelor of Science in Computer Science, Minor in Arabic Language & Literature, Certificate in AI*

GPA: 3.55/4

**Coursework:** Data Structures & Algorithms, Algorithm Abstraction & Design, Operating Systems, Databases, Enterprise SWE, Intro to SWE, Intro to ML, AI Fundamentals, Natural Language Processing, Linear Algebra, Communication for Engineers, Engineering Ethics

## EXPERIENCE

### MICROSOFT

May 2025 - Aug. 2025

#### *Software Engineering Intern*

- Led latency tracing initiative for a ML-driven ad platform handling billions of daily auctions, identifying and cutting bottlenecks by 25%.
- Partnered with cross-functional leads to integrate findings into sprint cycles and align on performance KPIs.
- Developed production-safe tracing controls and analysis dashboards adopted by multiple teams to track latency SLAs.

#### *Product Management and Software Engineering (Explore) Intern*

May 2024 - Aug. 2024

- Launched 4 Power BI dashboards giving teams their first clear view of ad performance across 14 categories, boosting results by 31%.
- Defined specs and led user research with 11 stakeholders to align metrics, drive adoption, and make dashboards the single source of truth.
- Automated data refresh pipelines on Azure, integrating ad sources to replace manual reporting and reduce analysis time by 30%.

### ZAPINTERN

Jan. 2023 - Aug. 2024

#### *Founding Technical Program Manager | Previously Registered Start-Up*

- Founded and led a 3-person Agile team to build a 1-click internship platform with 7,600+ listings and 600+ users.
- Defined product roadmap and KPIs, managing sprint cycles, backlog priorities, and risks using Scrum practices.
- Developed ZapAI autofill engine, cutting application time from hours to minutes and boosting platform engagement.
- Documented architecture and release retrospectives to improve maintainability and scalability across updates.

## PROJECTS

### SOCIETY OF HISPANIC PROFESSIONAL ENGINEERS UF iOS APP

Sept. 2023 - Present

#### *Senior Developer and Project Manager*

- Launched a 5-star app serving 700+ SHPE UF members with event tracking, reminders, and chatbot support, boosting attendance ~27%.
- Coordinated GraphQL backend integration, Google APIs, and MVVM architecture; mentored new contributors and planned releases.
- Established coding standards and mentored new developers, ensuring scalable app maintenance.

### **FITRISK: ML HEALTH RISK PREDICTION SYSTEM**

Nov. 2024

#### *Project Lead*

- Led a 4-person team to build a 90% accurate ML classifier predicting BMI, heart rate, and cardiovascular risk.
- Coordinated project scope and timelines, ensuring delivery and integration of 5 ML models (SVM, RF, XGBoost, KNN, NN).
- Managed pipeline, including feature engineering and data balancing, improving accuracy on underrepresented health conditions.

## LEADERSHIP

### LEETGATOR

Oct. 2024 - Aug. 2025

#### *President*

- Founded UF's 50+ member tech interview prep club, leading weekly workshops on data structures and behavioral interviews.
- Secured \$1,000+ in funding and co-hosted LeetCode tournaments and guest speaker sessions with fellow tech student organizations.
- Crafted technical prep resources and built a digital community (Linktree, Instagram, Discord) for ongoing student support.

### **SOCIETY OF HISPANIC PROFESSIONAL ENGINEERS (SHPE)**

#### SHPE Tank Director

Sept. 2023 - Apr. 2024

- Co-created a case study competition with 7 teams who proposed innovative products for a declining venture capitalist firm.
- Secured Accenture sponsorship, judging, and rewards by networking with SHPE alumni.

#### *Peer Mentor*

Jan. 2024 - Present

- Mentored 9 students over 4 semesters on career development, academic planning, and campus engagement.
- Led resume reviews, study sessions, and planning for internships, coursework, club engagement, and future.
- Partook in weekly challenges to boost mentee involvement through themed group events, mock interviews, and scholarship apps.

## TECHNICAL SKILLS

**Programming:** Python, C++, Swift, SQL, JS, HTML, CSS, Java, React    **Cloud & Platforms:** AWS, Azure, Docker, Linux, Ubuntu, WSL

**Tools:** Jira, Power BI, Flask, GraphQL, Apollo, Figma, Pandas, Git, Unity    **Languages:** English, Spanish & Arabic (learning)

**Project Management:** Agile, Scrum, Sprint Planning, Roadmapping, Risk Tracking, Communication, Microsoft Office, Google Suite