

# Ramy Mekhzer

*Aspiring Software Engineer | AI and Computer Science Student | University of Birmingham*

Birmingham

mekhzerramy@gmail.com

LinkedIn: [Ramy Mekhzer](#)

---

## Personal Statement

2nd-year AI and Computer Science student at the University of Birmingham with a focus on AI, machine learning, and tech innovation. Demonstrated leadership in team-based projects, applying technical skills to solve real-world problems. Motivated to advance technical and leadership abilities through a software engineering internship, aiming to contribute to impactful, data-driven initiatives.

---

## Education University of Birmingham — Birmingham, UK

*Bachelor of Science in Artificial Intelligence and Computer Science*

*Expected Graduation: June 2026*

- **Average Score:** 69.5% in first-year modules.  
**Top Scores:** 82 in Data Structures and Algorithms, 75 in Artificial Intelligence and Full Stack Development, and 69 in Object-Oriented Programming.
- **Relevant Coursework:** Artificial Intelligence, Machine Learning, Data Structures and Algorithms, Software Development, Object-Oriented Programming, Full Stack Development.

---

## Work Experience : The Birmingham Project with Siemens – 1st Place Winner

**Date:** [June 2024]

- Led a team of 7 to design a prototype app for teaching children STEM subjects through Arts integration.
- Facilitated brainstorming sessions along 4 members to generate ideas and spearheaded the design of the app's prototype.
- Produced and edited an 8-minute video pitch, resulting in high presentation scores.
- Architected core features of the app, utilizing several design tools to optimize functionality.
- Delivered the winning presentation of the app to the Siemens team alongside 5 team members, securing 1st place out of 6 competing teams.

---

## Skills Technical Skills

- **Programming Languages:** Python, Java, C, MySQL, SQL.
- **Frameworks & Tools:** Git, HTML, JavaScript.
- **Specialized Skills:** Machine Learning, Data Analysis, Software Development, Full Stack Development, Version Control, Cloud Computing, Cyber security.
- **Software:** Jupyter, Visual Studio Code, Filmora.

## Soft Skills

- **Leadership:** Directed a team of 7 in the Birmingham Project with Siemens, successfully developing a prototype app and securing 1st place.
  - **Collaboration:** Coordinated with interdisciplinary teams to deliver projects efficiently under tight deadlines.
  - **Problem-Solving:** Developed innovative solutions in technical projects, focusing on software and app development.
  - **Communication:** Delivered presentations to various audiences, conveying technical concepts clearly and effectively.
  - **Creativity:** Employed creative thinking to design engaging features and functionalities for the educational app.
  - **Research:** Conducted thorough research on educational methods to inform app design and ensure its effectiveness in teaching STEM subjects.
- 

## Certifications

- **Birmingham Project Certificate** — 2023/2024.
- 

## Extracurricular Activities:

### University of Birmingham AFNOM Society

#### Member

- Completed cybersecurity classes, gaining hands-on experience in topics such as network security, ethical hacking, and penetration testing.
- Participated in multiple hacking challenges, applying skills in vulnerability assessment and real-world security scenarios.

### University of Birmingham Chess Society

#### Member

Competed in weekly chess tournaments, strategizing with the team and winning **5 out of 7** rounds in recent rapid chess competitions.

---

## References

Available upon request.