

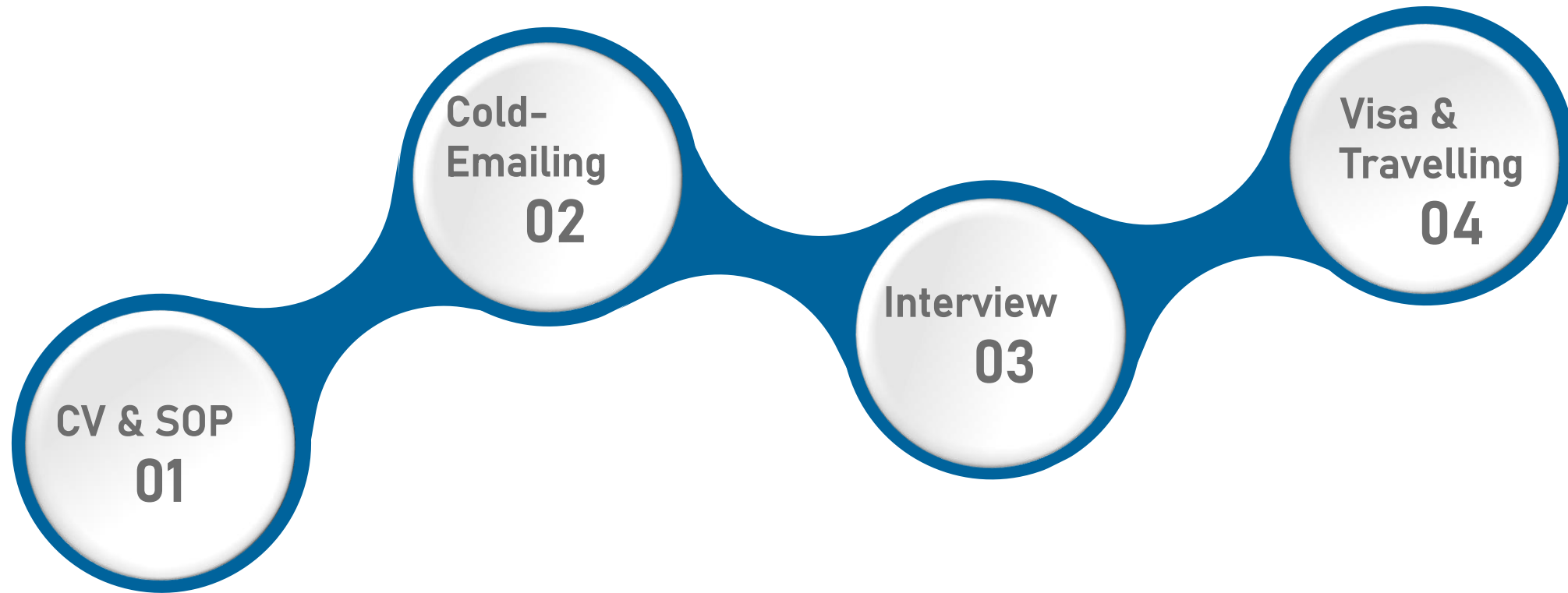
# Mohamad Bazzi

*AI Research Intern, The University of British Columbia*



# Mohamad Bazzi

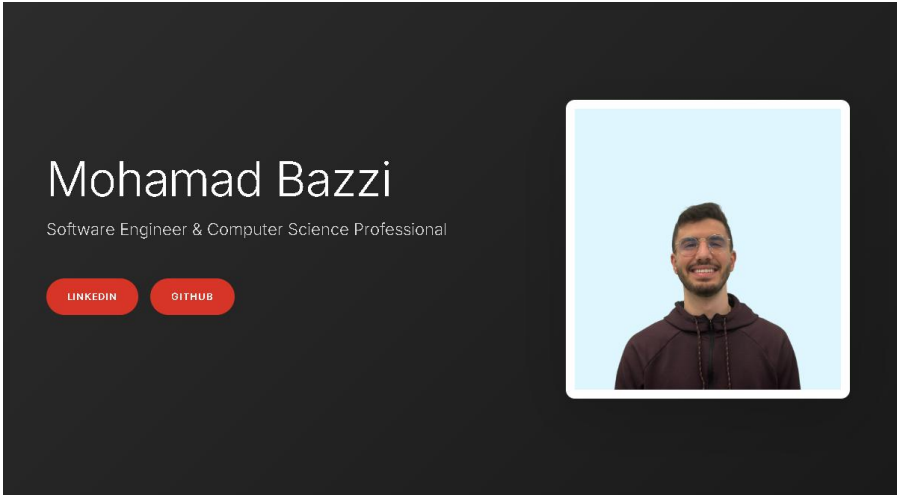
*AI Research Intern, The University of British Columbia*



# Mohamad Bazzi

AI Research Intern, The University of British Columbia

## Having a personal website helps



- 2022 - 2028 **Bachelor of Engineering in Computer Science(CSE)**  
American University of Beirut
- AI and data science concentration area
  - Minor Mathematics
  - President of the Financial Intelligence Club
  - Head of web development Engineering Student Society

### Experience



**Research Intern**  
University of British Columbia  
Mar 2025 - Aug 2025

Advised by **Dr. Barlas Subramani** and working closely with **Dr. Wenbo Bao**, we explored active learning for preference alignment and real-time fine-tuning. My work focused on the use of **handing model and Gaussian Process** uncertainty measurements to enhance large language models' ability to retrieve relevant documents for user queries and adapt their performance dynamically across tasks.



**Research and Development**  
Marwan Sarhan Faculty of Engineering and Architecture  
Jan 2025 - Present

Worked with **Professor Ammar Mahana** to develop an agentic RAG-based advising system that scrapes all university resources to answer any student question—from course instructors to official locations. The project won the **Best Project Award** in the AI in industry course and is now being extended to our PIV, set to launch for 1,000+ students.



**Undergraduate Researcher**  
American University of Beirut  
Sep 2024 - Dec 2024

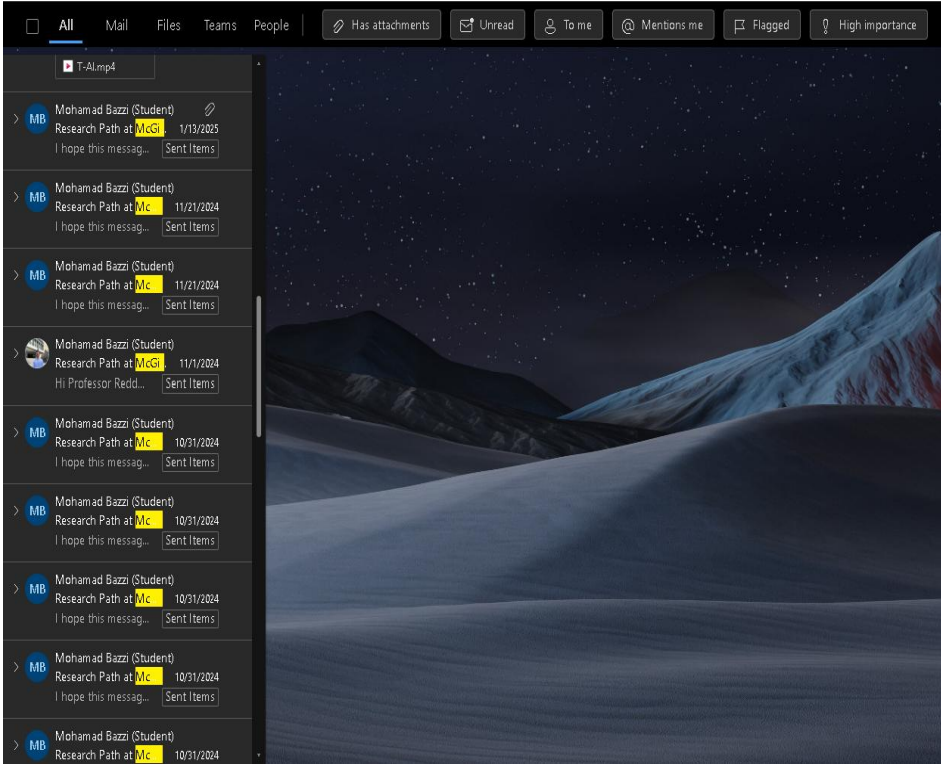
Conducted research on **Optimizing Deep Neural Networks via Safety-Guided Preservation Set (2024.09.08)**, under the supervision of **Professor Ammar Mahana**. The project introduced a novel compression framework that enhances generation and reduces variance through preservation-driven quantization. This work was recognized among the **Top 10 papers** in the IEEE Student Paper Competition.



**Undergraduate Researcher**  
American University of Beirut  
Jan 2025 - May 2025

Designed a multi-agent retrieval system where a master model routes queries to section-specific agents for targeted question answering. Developed a progressive graph-building mechanism that incrementally expands document knowledge graphs with structured answers and source references, improving multi-hop reasoning and document comprehension.

## Efficient Cold Emailing



# Mohamad Bazzi

*AI Research Intern, The University of British Columbia*



## Research Interview

- **Never enter a research interview without slides !!**
- **Present yourself and your previous work.**
- **You can present any topic that interest you but **DON'T** go above and beyond**



# Mohamad Bazzi

*AI Research Intern, The University of British Columbia*

## Visa interviews and rejections

