Abdelrahman Baba

✉ ababa@uwaterloo.ca | 📱 +1 226-606-3957 | Waterloo, ON

Objective: Seeking internship opportunities in systems and networking and R&D roles within Canada.

EDUCATION

University of Waterloo, Waterloo, ON 01/23 - 01/28 (Expected)
Doctor of Philosophy (PhD) in Computer Science
Focus Systems and Networking
Advisor Prof. Samer Al-Kiswany
GPA 92.33/100

An-Najah National University, Palestine 09/18 - 12/22
Bachelor of Science (B.Sc.) in Computer Engineering
GPA 3.85/4.00 (Excellent)

PUBLICATIONS

- Alan Liu, Abdelrahman Baba, Sreeharsha Udayashankar, Samer Al-Kiswany. 2023. DedupBench: A Benchmarking Tool for Data Chunking Techniques. *IEEE Canadian Conference on Electrical and Computer Engineering* **CCECE 2023**.

EXPERIENCE

University of Waterloo   Jan. 2023 - Present
Graduate Research Assistant (RA)

- Working on enhancing methods for Data Deduplication for encrypted data systems.
- Developing techniques in content-defined chunking for the elimination of data redundancy.

EXALT Technologies Ltd., Ramallah, Palestine   Sep. 2021 - Dec. 2022
Design Verification Engineer

- Proficient in Universal Verification Methodology (UVM).

RESEARCH PROJECTS

Data Deduplication   Jan 2023 - Present

- Improving techniques for Data Deduplication with encrypted data.
- Innovating novel content-defined chunking techniques.

AWARDS

- Acronis Best Patent Award for 2023.
- UWaterloo Graduate Student Research Dissemination Award 2023.
- UWaterloo International Doctoral Student Award (IDSA).

SKILLS

Progamming Languages: C++/C, Python, JS, SystemVerilog.