Abdullah M. LastName

email@example.com | (123) 456-7890 | LinkedIn: linkedin.com/in/username | GitHub: github.com/username

EDUCATION

King Saud University, B.Sc. in Computer Science   Riyadh, Saudi Arabia
Expected Graduation: June 2025

- Related Coursework: Advanced Data Structures & Algorithms, GPU Programming in C++, AI Fundamentals, Computer Security

EXPERIENCE

Cyber Security Club (KSU), Member   Jan 2024 – May 2024

- Explored network vulnerabilities and mitigation techniques
- Collaborated on weekly security drills, enhancing defense strategies

Social Culture Club of Computer Science, Volunteer   Sep 2023 – Now

- Organized tech workshops to promote an inclusive culture in CS
- Strengthened leadership & teamwork while coordinating +50 attendees

PROJECTS

GPU-Accelerated Radix Sort   Fall 2024

- Developed a CUDA-based parallel Radix Sort to handle large datasets efficiently
- Implemented thread-safe operations (atomic functions) & optimized shared memory usage
- Achieved substantial performance gains vs. sequential methods (up to 3x faster on real data)
- Demonstrated step-by-step execution with $O(d*(n+k))$ complexity, showcasing parallel programming expertise

Murabi (Graduation Project)   Spring 2024

- Digital resource planning solution for livestock management
- Centralized health records, breeding histories, and financial data
- Improved efficiency & decision-making using real-time alerts and analytics

ACTIVITIES & LEADERSHIP

Hackathon Participant, Saudi HackWeek

- Collaborated in a 48-hour sprint to build a full-stack web application
- Leveraged Agile methodology to organize tasks & deliver a working demo

SKILLS

Programming Languages: C/C++, Java, Python
GPU & Parallel Computing: CUDA, Thread Safety (atomic ops), Shared Memory Optimization
Web & Tools: HTML/CSS, Git, Eclipse, Agile, Basic Node.js
AI & Security: Basic Machine Learning, Digital Image Processing, Cybersecurity Fundamentals