

MOHAMED HDA

BSc (Hons) Computer Science (Cybersecurity focus), University of Dundee

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PROFILE

Computer Science student at the University of Dundee, entering third year with a first-class average and a self-directed focus on cybersecurity. Comfortable across web development, Docker-based workflows and Java, and currently building practical offensive security skills (web application testing, common vulnerability classes) alongside coursework. Trilingual and experienced in public speaking, having represented my high school at a competitive level.

EDUCATION

University of Dundee *Sept 2025 – June 2028 (expected)*

BSc (Hons) Computer Science, via the ICD accelerated pathway

- Completed two years of study in one year through the International College Dundee pathway, overall grade First Class (A5)
- Independent study in cybersecurity: OWASP Top 10 vulnerability classes (XSS, IDOR, SQL injection, SSRF, CSRF), Burp Suite, nmap and ffuf, practised on PortSwigger Academy, TryHackMe and HackTheBox
- Entering Year 3 in September 2026, taking modules including advanced software engineering and network/systems security

TECHNICAL SKILLS

- Languages: Java, JavaScript, Python, C++ (working knowledge)
- Security: web application vulnerability testing, Burp Suite, nmap, ffuf; familiar with the OWASP Top 10
- Tools & platforms: Git/GitHub, Docker, VS Code, Linux
- Web development: front-end and back-end fundamentals from personal and coursework projects

PROJECTS

Advanced Breach Checker (Dart) *in development*

- A breach checker application I am actively building in Dart

Hospital Operation Scheduler (Java) github.com/rgshadow1/operation-scheduler

- University team project (module C10039): a scheduling system for hospital operations, built collaboratively in Java

node-wallpaper (Node.js / Batch) github.com/rgshadow1/node-wallpaper

- A small utility that launches a Node script automatically on system boot

Balisong Simulator (JavaScript) github.com/rgshadow1/bali-lab

- A browser-based physics simulation of a balisong (butterfly knife), built solo to explore interactive animation and motion physics in JavaScript

ACTIVITIES & ACHIEVEMENTS

- Winner, CALLIOPE public speaking competition, Lycée Fleurs d'Orangers, Meknes, Morocco
- Volunteer, Mosque of Kortoba, Morocco (2023 – 2025): helped out every Friday after prayer
- Member, University of Dundee Futsal Club, training and competing weekly in BUCS.
- Member, Dundee University Computing Society (DUCS)
- Member, Dundee University Islamic Society (DUIS)

LANGUAGES

- Fluent in English, French and Arabic