# **Panagiotis Chatzikallias**

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## **Summary**

Highly motivated Computer Science student on track to complete a 4-year BSc in 3 years, specializing in systems programming with a thesis on operating system kernels. A demonstrated leader and problem-solver with top-10 rankings in international programming and cybersecurity competitions. Passionate about building robust full-stack applications, with practical experience in .NET, Python, C/C++ and cloud technologies.

#### Education

B.S. in Computer Science (Expected September 2026) | University of Macedonia | Thessaloniki, Greece

- **GPA**: 8.3/10
- **Selected Relevant Coursework:** Data Structures (10/10), Object-Oriented Programming (10/10), Cloud Computing (8.5/10), Parallel Computing (8.5/10)

# **Accolades and Real-World Experience**

- **Responsible Vulnerability Disclosure (CVE Pending):** Identified and led the coordinated disclosure for a critical vulnerability in the 'Unistudents' app (100k+ downloads), averting potential financial loss for sponsors. Coordinated directly with the vendor and MITRE (CVE assignment pending).
- Hack The Box (HTB) Challenge Author (Paid): Authored a novel cryptography challenge currently under final review for a paid inclusion on the HTB platform.
- **Top-Ranked Competitor (2023):** ICPC 2025 Regional Finalist, 10th Place (Global) at the HackTheBox University CTF (out of 100+ teams), National Team Member for Team Greece at the European Cyber Security Challenge (ECSC), placing 11th/28 in Europe after qualifying 3rd nationwide.

## **Featured Projects**

## **GatOS (Modular Kernel Toolchain)** | Thesis Project

• Designed and implemented a cleanly architected, 100% modular kernel from scratch, enabling rapid prototyping of custom operating systems. Adopted as the basis for educational and professional OS-design demos.

## <u>UniNotes (Full-Stack Collab Platform)</u> | Team Project

· Co-developed and deployed a real-time note-sharing web app used by 100+ university students; implemented authentication, synchronization, and deployment pipelines in Blazor .NET and MongoDB.

#### **Skills**

**Languages:** Python, C, C#, C++, Java, JavaScript, HTML/CSS

Frameworks & Tools: .NET (Blazor, ASP), MongoDB, SQL, Git, Docker, Flask, Redis (familiar)

Concepts: Full-Stack Development, OOP, Data Structures, Algorithms, Cloud, REST APIs

**Languages:** English (Near-Native), Greek (Native), French (Elementary)