Charalampos Maraziaris

📱 (+30) 698 5761 881 • ✉ cmaraziaris@gmail.com
🌐 cmaraziaris.github.io • in cmaraziaris

Education

National and Kapodistrian University of Athens **Oct. 2018 – Feb. 2023**
B.Sc. Computer Science, Department of Informatics and Telecommunications *Athens, Greece*
GPA: 9.63/10 (Ranked 1st out of 202 graduates, class of 2023)

Università della Svizzera italiana **Feb. 2022 – Sept. 2022**
Exchange student, Faculty of Informatics *Lugano, Switzerland*

1st General Lyceum of Lamia **Sept. 2015 – Sept. 2018**
Secondary education *Lamia, Greece*
GPA: 19.9/20

Professional Experience

CENSUS S.A. (link) **Oct. 2022 – present**
Position: Cyber Security Engineer (full-time) *Athens, Greece*
○ Specialized in Application and Product Security operations.
○ Performed source code audits, penetration tests, web and mobile application assessments.
○ Engaged in consulting work, focusing on Threat Modeling and Secure-SDLC cloud-based architectures.
○ Audited Open Source Software, registering CVE-2022-44380, CVE-2022-44381 and CVE-2023-46857.

Volunteering

National and Kapodistrian University of Athens **Sept. 2019 – Feb. 2023**
Position: Undergraduate Teaching Assistant *Athens, Greece*
Courses (4): Data Structures, Introduction to Programming, Computer Architecture I, Principles of Programming Languages
○ Part of a team developing a library with Data Structures written in C, for teaching purposes.
○ Part of a team developing the PPL course project assignment written in Haskell.

Notable Projects

(B.Sc. thesis) Vulnerability Analysis of Smart Contracts on the Ethereum Blockchain (link)
○ Analyzed and reverse-engineered exploit code for various high-profile attacks on Ethereum Smart Contracts.

Web App Penetration Testing (link)
○ Web penetration testing and subsequent report targeting the University's course platform (e-class).
○ Experimented with SQL Injections, Cross-Site scripting, Remote File Injections and CSRF attacks.

Systems and Network Programming (link)
○ Utilized Linux interprocess communication mechanisms, including pipes and signals.
○ Designed and implemented a Client-Server network communication architecture based on TCP.

Technical Skills

○ **Programming Languages:** C/C++, Java, Python, mySQL, Assembly (MIPS), Bash, Haskell, Prolog, Solidity, PHP, Matlab, Javascript
○ **Programming Paradigms:** Procedural, Object Oriented, Logic, Functional, Contract Oriented
○ **Software:** MS Office, gdb, git, Burp Suite Pro, Metasploit, Nessus, nmap, sqlmap, dirb, ...

Scholarships and Awards

Greek State Scholarships Foundation **2020, 2021**
Scholarship for Top Undergraduate Students in Greece

Hellenic Government **2013-2018**
Award of Academic Excellence throughout the school year

Languages

○ English (C2 - ECPE) ○ Greek (Native)
○ German (B1 - ÖSD)