Mircea Ioan

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PROFILE

An outgoing and creative undergraduate student, perseverent, disciplined and keen on solving challenges when it comes to working. Constantly striving to improve and to learn, considering a growth-mindset a key quality. Passionate programmer interested in developing applications on a wide range of technologies. I'm looking for an intership where I can utilize my experience and also improve my social end working abilities.

EDUCATION

Faculty of Automatic Control and Computer Science, Bucharest, Romania   Sep 2018 – Present
- University Politehnica of Bucharest, expected graduation by June, 2022
  - Cumulative GPA: 4.2 / 5.0
- Relevant Courses: Computer Programming, Data Structures, Object-Oriented Programming, Parallel and Distributed Algorithms, Communication Protocols, Operating Systems, Assembly Programming

High School "I. L. Caragiale" National College, Ploiesti, Romania   Sep 2014 – Jun 2018
- Mathematics & Computer Science and English studies
  - Baccalaureate Diploma with grade 4.38 out of 5

EXPERIENCE

Microsoft Learn Student Ambassadors Junior   Oct 2020 – Present
- Finance manager that helps the user to track this expenses easily.
  - Built-in functions for recurring expenses such as bills, food and subscriptions
- Mobile Path, Xamarin

Smart Contract Developer, TriumvirateLabs   Jun 2021 – Dec 2021
- Staking contract and testing for Aurus ecosystem Token
- Crypto Arbitrage Bot
- React&TypeScript websites

Internship DevOps, Roweb&Revomatico   Jun 2020 – Jul 2020
- Deployment of a JavaScript application with Docker and Ansible Playbooks
- Automatic Mail Sender on subscription

Internship Java Development, Roweb&Revomatico   Jun 2020 – Jul 2020
- Movie Music Integrator - This application exposes HTTP endpoints created with Java Spring, read data from CSV files and displays movies ordered by grades from IMD and top new songs

PROJECTS

Password Keeper&Generator   Dec 2021– Present
- Password Keeper implemented on Raspberry Pi which decrypts only after it is unlocked via NFC

Online car sales database , SQL Server   Oct 2021 – Jan 2022
- part of the DB faculty course, we designed and implemented a database with a minimal front-end web application for testing our knowledge of functions, procedures and triggers

Comparative analysis of search algorithms, Python   Oct 2021 – Nov 2021
- part of the AI faculty course, the program compares different graph search algorithms depending on the number of nodes generated, the number of expanded nodes and the time required to determine the solution

Message Management   Oct 2020- Nov 2020
- The server broadcasts messages received from UDP clients on certain topics to TCP clients
- The messages sent on a specific topic will reach only TCP clients subscribed to that topic

Communication with REST API   Mar 2020- Apr 2020
- HTTP client which helps to manage a virtual library
- Users can register, login, add, delete or get information about their books

	Voucher management, Java	Dec 2019 – Jan 2020

Voucher management, Java   Dec 2019 – Jan 2020
 ▪ part of the OOP faculty course, the program manages a set of campaigns,
   users and their respective vouchers

Steganography in **x86 Assembly**   Oct 2019- Nov 2019
 ▪ A program that encrypts and decrypts strings coded in pictures using different
   techniques, as XOR, Morse encryption and LSB encryption

HONORS AND AWARDS

Microsoft Azure AI-900   Feb 2021- Mar 2021

"**Digital Workshop for Programmers**" Java course, Google   Oct 2020 – Mar 2021

CCNA 1 Certificate (2019) & **CCNA 2** Certificate (2020)   Feb 2019- Feb 2020

HARD SKILLS

 ▪ **Programming Languages**
   • Medium: C, C++, Java, Solidity, TypeScript, Python, X86 Assembly, Bash, Python
   • Beginner: MySQL, PL/SQL, SQL Server, MongoDB, Cassandra, C#
 ▪ **Technologies** - Git, Docker, Xamarin, Azure AI, Networking

SOFT SKILLS

 ▪ Communication, Teamwork, Time-management, Organized

LANGUAGES

 ▪ Romanian - Mother tongue
 ▪ English - **Cambridge English Level 1** Certificate in ESOL International