**Sebastian Stanici**

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**EDUCATION**

**Computer Science** **BSc** | **University of Birmingham**, United Kingdom Sep 2017 – May 2021

Second year, expected 1st class degree (average of 84% in 1st Year)

Relevant modules:

|  |  |
| --- | --- |
| Introduction to Computer Security | C/C++ |
| Software Engineering | Java Software Workshop |
| Introductory Databases | Computer Systems and Architecture |
| Professional Computing | Economics and the Real World |

**“Grigore Moisil” High School Timisoara**, Romania Sep 2013 – May 2017

Diploma of Baccalaureate, overall 9.65/10 with 10/10 in Mathematics and 10/10 in Computer Science

**SKILLS**

Programming languages: Java, C/C++, Python, OCaml, PHP, Bash, JavaScript

Operating Systems: Windows, Linux, macOS

Tools: Unix shell, Vim, Git, Eclipse IDE, Sublime, IDA, Metasploit

**WORK EXPERIENCE**

**University of Birmingham**, Birmingham, United Kingdom (Research Sysadmin Assistant) Jul - Aug 2018

* Responsible with setting up Jupyter Hub through Docker by having made available different kernels such as Python, R, TensorFlow and the distributed computing environment
* Gained knowledge of working using the Unix shell in a HPC (high performance computing) environment, creating images with Docker, basic networking and security knowledge regarding ports, protocols, certificates, encryption and encoding

**GENEO**, Royal Leamington Spa, United Kingdom (Software Developer Intern) Jan – Jul 2018

* Developed and maintained the company’s main software product in a fast-paced environment by writing code in the CakePHP web framework that uses the MVC pattern and by using the Agile methodology as the software engineering process.

**Intelligent Software Systems**,Timisoara, Romania (Assistant programmer) Jul - Sep 2017

* Resolved issues from Politehnica University Timisoara’s research management portal, such as: solved search engine from retrieving partial results and fixed the secure HTTP problem
* Utilised technologies: C#, Nancy (back-end), TypeScript, Angular.js (front-end), RavenDB (noSQL)

**Continental Automotive**, Timisoara, Romania (Assistant programmer) Jul – Sep 2016

* Developed a search engine that reduced the processing time in the web documentation by 97%, reduced the time to order issues in Excel from 30 minutes to 10 seconds for project management
* Used technologies: C/C++ for indexing words (~500 HTML pages), Visual Basic, JavaScript

**EXTRACURRICULAR ACTIVITIES**

**Computer Science Society** (Vice-president) Nov 2017 - present

* Managed the [society](http://cssbham.com/)’s decisions and committee involvement alongside the President by organising career talk sessions, workshops, sponsorships and other computer science related events

**Capgemini Community Challenge** (Team member) Jun 2018

* Carried out solutions-based consultancy projects for an actual third-sector client by getting involved in the technology solutions of the project
* Runner-up team of the [Challenge](https://www.birmingham.ac.uk/schools/business/corporate/capgemini-challenge.aspx)

**University of Cambridge’s national cyber-security contest** [**Inter-ACE**](https://inter-ace.org/)(Team member) Mar 2018

* Engaged along the society from our University, [AFNOM](http://afnom.net/) and was involved with the Social Engineering, Cryptography, Web and Reverse Engineering challenges

**Robot programming course** (Team manager) Mar 2018

* Was in charge of managing the team in order to create a robot warehouse management system, yet took other roles such as system integration and Bluetooth connectivity of the robots

**Personal website and project ‘myHaum’** (Web developer) Jan 2018 - present

* Created my [website](http://seba7159.github.io/) and started an Internet of Things project named myHaum Jan 2017 – present

**CoderDojo Romania** (Mentor) Dec 2016

* Mentored C/C++, web design to teenagers and Scratch to children

**QCon London** (Volunteer) Mar 2016

* Volunteered at the Software Architecture conference, yet attended keynotes and tracks regarding Architecture, Security or other tech-related subjects

**AWARDS AND CERTIFICATIONS**

Computer Science Excellence Scholarship, University of Birmingham 2017

1st place in the NoiInfo Contest 2017 with project myHaum, Utility Software 2017

6th place in the national contest InfoEducatie 2017 at Utility Software with project myHaum, rewarded by the Romanian Ministry of Education

3rd place in the Informations and Technology Olympiad Timis 2015

Excellence Diploma awarded by the Council of the Timis county and “Grigore Moisil” High School

**HOBBIES AND INTERESTS**

Mentoring, athletics, bouldering, yoga, handball, swimming, skiing, volleyball, hiking

**REFERENCES**

References are available on request

**ADDITIONAL INFORMATION**

LinkedIn: <https://www.linkedin.com/in/sebastianstanici/>

GitHub: <https://github.com/Seba7159>