Patricia Hudakova

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Profile:

Passionate, curious information security graduate offering a strong foundation in information security practices, currently seeking opportunities in the software engineering or information security field.

Experience:

- Whilst working on my MSc, my dissertation focused on web app security. In essence, I created my own test environment in which I introduced a range of vulnerabilities, then proceeded to make a case study of exploiting and patching them.

- In my spare time I have worked on numerous different projects; most recent being my own website and a telegram bot aiming to help one keeping track of events! I am currently working on a restaurant review platform where one is able to keep track of places they have visited along with its rating, with an option to share their experiences.

- As part of my third year, I have developed a Java application which carried out graph algorithms on an adjacency matrix input. User is presented with a choice between four different efficiently implemented algorithms each varying in their objectives. This project has taken me 5 months to complete alongside my other modules and has been developed using mostly Java with a touch of CSS.

- I have also joined the FireTech Camp since Summer 2017 through to December 2018, providing courses and leading weekend clubs for children and young people including Video Game Design, AR/VR and Arduino. By the end of my time at FireTech, I've been promoted to working with the lead camp teacher, assisting with running of the camp, ensuring camper's safety at all times and responding to any parent/ head office enquiries.

- I have plenty of experience in a team-oriented environment. I have been working for the Danubius Hotel Regents Park in the F&B department full-time for almost 7 years now alongside my studies. Since exceptional communication and team work ethic is essential, I have grown very accustomed to it, aiding me a lot during the team project for the cafe automation system during the 2nd year.

Education:

- Royal Holloway University of London

MSc Information Security (2018-present) – Predicted 2:1

BSc Mathematics and Computer Science (2015-2018)

- <u>The Ellen Wilkinson School for Girls</u>

A-Levels (2013-2015): Mathematics (A), Chemistry and Physics (C)

GCSE's (2009-2013): 11A*-C including Mathematics (A*), Double Science (A) and English Literature (A)

Technical Skills:

- Prior Experience in: Go, Java, HTML, CSS, JS, SQL

- OS: Linux, Windows

- Version control systems, such as Git, SVN, Mercurial, etc

- Miscellaneous: Microsoft Office, LaTeX, Jupyter, Eclipse, IntelliJ, Django, Cryptography, Risk Identification and mitigation, ISO/IEC 27000 series

Languages:

I am fluent in both English and Slovak.

Interests:

Outside of academia I have been lucky enough to be involved in the S.M.A.R.T. D.U.C.K. campaign, raising awareness in primary schools about road safety with a whole day planned with fun activities. I have also been a committee member for the Karate, Sustainability and Dancing societies throughout my BSc career, helping organising events and resolving member/venue/budget issues.

When I'm not working however, I can usually be seen exercising, watching movies and learning new languages!

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References available upon request.