



Orpheas van Rooij

📍 **Address:** Stationsplein 9K92B, 6512AB, Nijmegen, Netherlands

✉ **Email address:** orpheas.vanrooij@outlook.com

☎ **Phone number:** (+31) 0683517099 🌐 **Website:** <https://github.com/ovanr>

Gender: Male **Date of birth:** 01/12/1995 **Nationality:** Dutch, Cypriot

ABOUT ME

I am an avid Computer Scientist with keen interest in Functional Programming and in Computer Security

WORK EXPERIENCE

[10/06/2019 – 31/07/2021] **Software developer**

Novatex Solutions Ltd <https://www.novatexsolutions.eu>

City: Nicosia

Country: Cyprus

Email address: info@novatexsolutions.eu

Business or sector: Professional, scientific and technical activities

Main activities and responsibilities:

Involved in two European research projects:

- Unicorn (<http://unicorn-project.eu/>) - Container Orchestration, monitoring and automatic scalability. Tasks: Responsible in testing the system
- NovaTrap (<https://kamos.eu/>) - Prototype system to provide live pest monitoring in vine fields. Tasks: Working with IoT devices, Web dashboard development, relational and non-relational databases and a Message parsing back-end system using RabbitMq and Haskell.

[29/03/2021 – 15/08/2021] **Software developer**

Networks Research Laboratory, Dept. of Computer Science, UCY

City: Nicosia

Country: Cyprus

Main activities and responsibilities:

Designing and implementing a web dashboard for the collection, analysis and visualization of Telecom provider's data by the Office of the Commissioner of Electronic Communications (OCECPR). Technologies used are: Laravel, Inertia.js and Vue.js.

EDUCATION AND TRAINING

[10/09/2007 – 10/06/2014] **School Leaving Certificate (Apolytirion)**

The Grammar School of Nicosia <http://www.grammarschool.ac.cy/>

Final grade: 92.3

Main subject / occupational skills covered:

Edexcel A Levels: Core Mathematics – Grade A, Computer Science – Grade A, Physics – Grade B

[10/01/2018 – 31/05/2021] **Bachelor in Computer Science**

University of Cyprus <https://www.cs.ucy.ac.cy/>

Final grade: 9.03/10

Thesis: An Instrumentation Approach To Web Fuzzing

[06/09/2021 – Current] **MSc Software Science**

Radboud University <https://www.ru.nl/english/>

LANGUAGE SKILLS

Mother tongue(s): Greek

Other language(s):

English

LISTENING C2 **READING** C2 **WRITING** C1

SPOKEN PRODUCTION C1 **SPOKEN INTERACTION** C1

DIGITAL SKILLS

Programming Languages

Haskell | Python | PHP | JavaScript | Bash | C | SQL (MySQL)

Frameworks

Vue.js | Laravel

PUBLICATIONS

[2021] **webFuzz: Grey-box Fuzzing for Web Applications**

<http://srec.cs.ucy.ac.cy/papers/esorics21.pdf>

Reference: In Proceedings of the 26th European Symposium on Research in Computer Security (ESORICS)

Orpheas van Rooij, Marcos Charalambous, Demetris Kaizer, Michalis Papaevripides, and Elias Athanasopoulos