

Edvinas Vrublevskis

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EXPERIENCE

Aug 2019 – April 2020
Bourne End, UK

Trainee
Software Development Team | Functional Safety Team
Renesas Electronics Europe

- Scrum based agile development.
- Feature development for Linux kernel tracing using open-source tools.
- Developing demo application, documentation and showcasing.
- Kernel image configuration, baking using Yocto project and scripting.

- Gained exposure to ISO26262 standard in use for MCU functional safety assessment.
- Familiarised with state of art digital design strategies. Analysed MCU components.
- Verified MCU functionality using (Sys)Verilog, SYNOPSIS verification tools.

Jun 2018 – Sep 2018
Vilnius, LT

Summer Intern
Linkmenų fabrikas
Vilnius Gediminas Technical University

- Developing proof of concept embedded system. Used 2 Microchip ATmega328P based boards. Wrote C/C++ embedded software for operation, prototyped and wrote a custom SD card reader. Used different sensory and mechanical components. Gained quick prototyping experience.

EDUCATION

Sep 2017 – Present
Manchester, UK

School of Electrical and Electronic Engineering
The University of Manchester

BEng. (Hons) Electronic Engineering with Industrial Experience
Year one grade: 74% (1st) | Year two grade: 75% (1st)

Highlights:

- Covered standard syllabus of EE degree.
- Lead team to develop an embedded systems project – Line tracking buggy. Was responsible for software side of the project. Used C/C++ and MBED framework.
- Experienced full development cycle of multiple custom silicon devices. Including design, verification, production, testing.
- Carried a role of Events Manager in EEE society. Participated in Public Speaking society.

Jun 2019 – Jul 2019
Seoul, KR

International Summer Program
Seoul National University

Computer Science, Management & Korean language
Final grade: 85% (1st)

Highlights:

- Enriched understanding in problem solving using Python.
- Analysed new trends in management.
Case studies of Digital, AI, ML based company business models.
- Created a strong foundation in Korean language learning.

PERSONAL PROJECTS & LEARNING

Projects:

Deployed websites with Django, ExpressJS and Wordpress. Developed responsive front-end templates (no framework). Scripted automated song identification and import to Spotify.

Learning:

Learning and advancing knowledge with Python, JS frameworks. Seeking more experience in back-end development using modern tools. Looking forward to create a project using GO language & AWS.

SKILLS

Languages: English, Russian, Lithuanian (working proficiency)

Tools: JetBrains IDEs, Docker, LTTng & TraceCompass, SQLite3, SYNOPSIS design verification toolset

Frameworks: Django, ExpressJS, Yocto project, MBED, Arduino

Programming languages: Python, JavaScript, SQL, C/C++, Bash, VHDL, (Sys)Verilog (light experience)
Java, Matlab, LabView (familiar)