

Vladimir Marinov

 username |  username |  mysite.com |  email@mysite.com |  +00.00.000.000

SUMMARY

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WORK EXPERIENCE

RF and Microwave Engineer - EECL

October 2024 - Present

- Hello

Part Time Hardware Engineer - EnduroSat

October 2023 - April 2024

- Developed mission-critical satellite hardware in Altium (schematic and layout) with a focus on very high density PCB designs.

Teaching Assistant - Imperial College London

July 2022 - April 2024

- Provided teaching support for the *Instrumentation* module, focusing on hardware design for precision analog measurements, and analog and high-frequency metrology and calibration.
- Worked on implementing a fully-functional 32-bit RISC-V processor in SystemVerilog, which is now used for teaching in the Instruction Architectures course. Provided teaching support for the course.

Full Time Hardware Engineer - EnduroSat

April 2023 - October 2023

- Developed satellite hardware in Altium (schematic and layout) including antennas and RF hardware, precision protected power supplies and other custom mission-specific devices.
- Developed internal company guidelines on EMI/EMC and grounding practices for flight hardware.
- Worked on reliability analysis of hardware including Failure Mode and Effect Analysis (FMEA), Fault Detection, Isolation and Recovery (FDIR), and reliability simulations in Ansys Sherlock.

Part Time RF Engineer - EnduroSat

July 2019 - March 2020

- Worked on software and hardware realizations of Software-Defined-Radio (SDR) Ground Stations for satellite communications.

EDUCATION

2030 - present	PhD (Subject) at University
2023 - 2027	Bachelor's Degree at College
2022	Class 12th Some Board
2021	Class 10th Some Board

(GPA: 4.0/4.0)
(GPA: 4.0/4.0)
(Grades)
(Grades)

PUBLICATIONS

Last Name, First Name and First Name Other Last Name (Sept. 2019). “Paper: This is the name of the paper”. In: *Some Journal* 99.18, pp. 2200–2300. URL: <https://some-link.com>.

Last Name, First Name and First Name Again Last Name (Sept. 2022). “Paper II: This is another paper”. In: *Some Journal* 99.18, pp. 2200–2300. URL: <https://some-other-link.com>.

PROJECTS

Avionics Team Lead - Karman Space Program, London

October 2021 - July 2023

- Led the avionics team of university student rocketry project, and developed custom flight computer hardware, RF telemetry hardware, and power supplies. Initiated and later support embedded software development (in C) for custom hardware. Led integration of hardware for test rocket launches and high-altitude balloon tests.

SKILLS

Some Skills This, That, Some of this and that etc.

Some More Skills Also some more of this, Some more that, And some of this and that etc.