

Mikko Juho-Matti Majamaa
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CV

July 2022



PROFILE

Mathematics, algorithmics, programming and related things are my passion. I have acquired my skills through work, hobbies, and studies.

WORK EXPERIENCE

June 2022 –

Researcher, Magister Solutions Ltd.

Satellite communications research by means of system simulations.

Jan. 2020 – Aug. 2020,
Jan. 2021 –

Software developer, Magister Solutions Ltd.

R&D of satellite communication simulators (ns-3, C++, Python, CUDA). Developing a SaaS product (MEAN stack). Participation in research projects that include publication of scientific papers in the field of satellite communications.

Jan. 2019 – Dec. 2019

Software developer, Silmu Software Oy

Developed web and mobile software (Ruby, JS). Worked with company's own SaaS products and as a consultant in customer projects, also working at the customer interface.

May 2018 – Aug. 2018

Trainee, LUT University

Participated in LUT University's IT summer camp for students of computational engineering and informational technology which was designed to simulate an IT job.

EDUCATION

Aug. 2022 –

Ph.D. (Tech), University of Jyväskylä

Bandwidth-Efficient Techniques in 5G and Beyond Non-Terrestrial Networks

Sep. 2020 – May 2022

Master of Science, LUT University

Computational Engineering and Technical Physics

Technical mathematics as a major, Data science and engineering as a minor

Sep. 2020 – July 2021

Exchange studies, Instituto Superior Técnico

Courses in applied mathematics and performing minor in Data science and engineering

Sep. 2017 – May 2020

Bachelor of Science, LUT University

Computational Engineering and Analytics

Technical mathematics as a major, IT as a minor

POSITIONS OF TRUST

March 2022 –

Deputy workers' representative, Magister Solutions Ltd

Jan. 2019 – Dec. 2019

Sports manager, Lateksii Ry

Volunteered as a sports manager in the guild for students of computational engineering.

LANGUAGE SKILLS

Finnish	native speaker
English	fluent
Portuguese	upper intermediate
Swedish	beginner
Russian	beginner

IT SKILLS

IT skills include but are not limited to C++, C, CUDA, Java, JavaScript (e.g., React, Vue, Angular, ExpressJS, NodeJS, Ionic...), Python, Ruby, HTML, SQL, MongoDB, Git, MATLAB, R and Linux.

HOBBIES

Related hobbies include programming, information technology and related literature. Other hobbies include yoga, running, strength training, ice swimming, swimming, disc golf, reading novels, and writing poems.