Matas Pocevicius

Focusing on Software Engineering

CONTACT

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📍 Zurich, Switzerland

LANGUAGES

English	Lithuanian	German	Russian
C1	Native	A2	B1

SOFTWARE SKILLS

GOOD: Python, HTML, CSS, SQL, JavaScript, React, React Native, Dart, Flutter, Solidity, MATLAB, R, Node.js, LaTeX, Django, Windows, Linux, macOS, Microsoft Office.

BASIC: C++, Swift, BASH.

EDUCATION

2016 - 2018 | **MSc Biomedical Engineering**
ETH Zurich, Switzerland

2012 - 2016 | **BSc Physics**
Vilnius University, Lithuania

2015 - 2016 | **Exchange Semester**
Lund University, Sweden

2015 | **Exchange Semester**
Ludwig – Maximilian University (LMU), Germany

INTERESTS

WORK EXPERIENCE

Research Assistant (1 yr 4 mos)   January 2018 – present
Zurich University of Applied Sciences (ZHAW) – Institute of Data Analysis and Process Design, Switzerland

- Created a software with a graphical user interface for Swiss Life, which helps to optimize pension funds.
- Created a scalable application from an initial prototype of Algorithmic Contract Types Unified Standards, which was written in R.
- Acquired and led a project with Swisscom. Created a fully functional blockchain-based DApp using React and Solidity.
- Provided assistance in Blockchain and Cryptocurrency related topics.

Trainee (5 mos)   July 2017 – November 2017
Paul Scherrer Institute – SwissFEL Beam Dynamics, Switzerland

- Created a software using Python for electron beam measurements and corrections with a graphical user interface.
- Visualized and statistically analyzed collected data.

Engineer (1 yr)   January 2016 – December 2016
Center for Physical Sciences and Technology (FTMC) – Department of Nuclear Research, Lithuania

- Assembled and maintained a Single Stage Accelerator Mass Spectrometer (SSAMS).
- Applied different scientific models for radiocarbon data interpretation.

Trainee (1 mo)   February 2015
FTMC

- Practiced for the construction of the SSAMS at National Electrostatics Corporation in the USA.

Technician (11 mos)   June 2014 – April 2015
FTMC

- Co-authored a scientific article.
- Presented a poster at the conference Open Readings 2015.
- Obtained and visualized data for scientific articles and posters.

System Administrator (10 mos)   June 2013 – March 2014
UAB "AgroGis", Lithuania

- Worked with Microsoft SQL Server databases, manipulated data, and created analysis tools.
- Made desktop and mobile projects with the ArcGIS program packet.
- Provided direct support, and how-to instructions for customers.

OTHER EXPERIENCE

2017 – 2019	Successfully participated in entrepreneurial events: "From Science to Start-up", START Odyssey, EC Award, START Explore.
2019	Won Bosch IoT Lab Challenge at START Hack.
2018	Won AXA Switzerland Challenge at Hack Zurich.
2015	Participated in a medical physics group at LMU, Germany. Processed images and analysed data using MATLAB for development of a Compton Camera system as a versatile tool for position-sensitive photon detection.
2010 – 2012	Multiple times won Regional Lithuanian Physics, Chemistry, Math Olympiads.