Personal Info:

Name:	Mathias Green
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Webpage:	https://flmath.github.io

For more details it is better to go to my webcv.

Skills

Professional product development: Erlang products running on Linux, Git, Agile
Other: Python, Web development,
Other fields of interest: Mathematics and its applied subfields in IT

Experience

04/2022 to Present Telia ACE

Developing Telias ACE platform for contact centers. Converting OTP FSMs into Statem. Extending products REST API.
Technologies: Erlang, OpenAPI

08/2015 to 03/2022 Ericsson SBG, consultant from DEK technologies

Developing IMS Session Border Gateway (SBG). Extending various capabilities of the SBG project. Extending SIP, Diameter and Megaco protocol implementations. improving charging, performance measurments and control.
Technologies: Erlang, Docker(using not developing), PTA language, Seagull, Python
Improvements: Created tool for parsing test logs to a sqlite database.
Other: DEK Machine Learning group participant.

01/2014 to 06/2015 Ericsson SBG, consultant from Ericpol

Expanded a TLS support. Extended SIP Trunking feature. Created simulations of the SBG node (in R language) to compare throttling algorithms.
Technologies: Erlang, R language
Improvements: Support scripts for PTA language.

05/2012 to 12/2013 Ericsson MTAS, consultant from Ericpol

Developing MTAS (Multimedia Telephony Application Server). Extending communication with HLR.
Technologies: C++, TTCN-3

02/2012 to 07/2015 Ericpol
A supplier for MTAS and SBG projects. Passed exams from Erlang, TTCN-3, and C++ languages.

Education

Onsite:

2011: Faculty of Mathematics and Computer Science of the Jagiellonian University:
Master of Science in Computational Mathematics

Online:

Coursera online certificates: Introduction to Logic, Machine Learning, Model Thinking, Computer Networks, Formal Concept Analisys
Udacity online certificate: Statistic
Erlang Solution: Foundation Certificate
Linkedin Learning: Git actions, Svelte, Vue