

Kamil Kisiel

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PROFILE

I'm a multi-disciplinary software developer with a broad skillset that always enjoys a new challenge. I love learning new skills as well as mentoring my peers. I can work well both in a collaborative environment or solve problems independently.

EXPERIENCE

Lead Firmware & Software Developer, IntelliJ Designs Inc. — 2015-Present

Developed firmware including hardware drivers, user interfaces, and DSP algorithms for consumer music electronics running on ARM Cortex-M and AVR MCUs. Developed end-user applications for macOS, Windows.

President & Principal Developer, Alces Technologies Inc. — 2014-Present

An inter-disciplinary consulting company with projects in a wide variety of domains. Contributed to the development of the Thomson Reuters Eikon Messenger XMPP service. Performed data mining and analysis for money laundering inquiries in British Columbia. See alcestech.ca for a complete list of projects.

Infrastructure Engineer, Kiip Inc. — 2013-2014

Implemented back-end integration with the LinkedIn API. Transitioned an in-house data processing pipeline to use Amazon Elastic Map Reduce.

Software Developer & Systems Engineer, Zymeworks Inc. — 2007-2013

Created a system for distributed scientific workflow automation (patent 10255409). Authored libraries and frameworks to support the development of protein simulation tools. Maintained software development environment, bug tracker, and continuous integration services. Performed administration of the in-house HPC cluster.

Software Development Intern, Armonicos Co. Ltd. — 2006-2007

Developed graph algorithms for identifying topologies in 3D mechanical CAD models.

EDUCATION

Simon Fraser University — Bachelor of Applied Science, Computer Engineering, 2007

SKILLS

C/C++, Python, Go, SQL databases, digital circuit design, ARM & AVR microcontrollers, Linux system administration.