

JEREMY NICKURAK

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SUMMARY

A Software and Systems Developer, driven by the chance to create, learn, and share new development expertise with high performing teams. Extensive experience developing storage solutions and driving Agile and Scrum values and methodologies.

SKILLS

Tools and Methodologies: Agile, Scrum, SAFe, Git, GitHub, Continuous-Integration, Test-driven-development, Virtualization/Virtual-machines, docker, containerization/containers

Languages: Proficient: C, Python, SQL, CMake, Perl, HTML, \LaTeX ; Familiar: C++, Java, LISP

Operating Systems and Environments: Debian, Ubuntu, RedHat, Fedora Linux

Certifications: Eucalyptus Cloud Platform Training, Certified Scrum Master (Lapsed), Certified Scaled Agile Framework (SAFe) Practitioner

EXPERIENCE

DELL TECHNOLOGIES, STORAGE DIVISION

2010 - June 2018

Principal Software Developer

- As an Architecture Delegate, trained new developers on key product areas, including feature operation, development, and testing methodologies. Participated in joint meetings to proactively understand feature and subsystem interactions, to understand complications before they were impactful.
- As a Scrum Master, helped my team adopt and work by Agile and Scrum principles and resolve day-to-day obstacles. Engaged with lead Product Owners to align business roadmaps with teams' practical software development requirements
- Initiated a focused defect triage and analysis meeting series to help drive multiple VPLEX releases to completion.
- Developed Dell-EMCs MetroPoint and VPLEX-RecoverPoint integrated high-availability, disaster-avoidance and disaster-recovery solutions, giving enterprise customers the mobility and durability to completely avoid or recover from planned and unplanned data-center outages
- Worked on-site in Israel for 2 months helping ramp up a new team, training on development values and process.
- Participated in requirement gathering and evaluation of Software Development Life Cycle tooling and process decisions, especially on Git branching and Continuous Integration strategy.

- Helped Customer Engineering drive resolution to incidents, analyzing diagnostic information, collaborating on the best ways to get customers out of tense situations with minimal risk.
- Developed Mid-range storage solutions, with a special focus on building and advocating developer-efficiency accelerators.

DEPARTMENT OF COMPUTER SCIENCE, UNIVERSITY OF ALBERTA

May 2009 - September 2010

Research Assistant, 2009 - 2010

- Conducted Research into virtual machine deployment and management (slimming), support for associated researchers in Bioinformatics

Teaching Assistant, 2008 - 2010

- Taught and developed laboratory material for Security in a Networked World and Web Information Systems courses, including firewall (iptables), server setup, cryptography, Javascript, PHP, Perl, SQL, HTML, CSS and JSP. Organized and presented laboratory lectures, marked assignments and projects.
- Software Carpentry, including software development practices for scientists and engineers, taught in Python
- Recipient of the Faculty of Graduate Studies and Research Graduate Student Teaching Award

EDUCATION

UNIVERSITY OF ALBERTA, EDMONTON, AB

2010

M.Sc. in Computer Science

- Thesis research: Infrastructure for resource monitoring through a custom FUSE filesystem, and a filtered cloning system, building minimized virtual machine images from a profiled source input image
- Selected Coursework: Parallel and Distributed Systems, Single Agent Search

UNIVERSITY OF ALBERTA, EDMONTON, AB

2008

B.Sc. Specialization in Computing Science

- Capstone project: In a group of 2, implemented a compiler for a subset of Pascal to a JVM-like stack machine language, using C, Flex and Bison