Mirza Prasovic

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EXPERIENCE

Oracle Cloud Infrastructure   **Lexington, KY**
Senior Member of Technical Staff   Aug 2019 – Present
- Design and develop platform features for Compute such as required tags and per-core quotas.
- Solve customer and operational issues during on call rotation for the Platform Services, Bare Metal Compute Control Plane, and Supporting Services teams.
- Work as part of a remote team that's separated from HQ by 3 timezones effectively.

Badger Technologies   **Nicholasville, KY**
Lead Design Engineer   Feb 2019 – Aug 2019
- Created containerized service that utilized a neural network and CUDA to process thousands of images sent from hundreds of robots..
- Prototyped and delivered custom solutions to customers for evaluations.
- Analyzed performance metrics from services to find and mitigate inefficiencies

Lexmark International   **Lexington, KY**
Embedded Software Engineer   Jan 2013 – Feb 2019

Firmware Security Team
- Developed and maintained the access control implementations on Lexmark Devices, including LDAP, AD, and Kerberos.
- Created and maintained certificate features such as PKCS12 support.
- Worked closely with customers to solve highly critical security issues, and create and plan requested features.
- Updated and patched critical Open Source software, such as OpenSSL and KRB5, in order to fix critical security issues.
- Served as a security advisor to other teams to help drive more secure coding practices.

MSA Core Team
- Designed and implemented a framework for new Lexmark Solutions, allowing for increased reuse of business capabilities.
- Developed initial tools, processes, tutorials, and development enivronment to get other teams up to speed on the new framework.

Software Development and Integrations
- Created software solutions to integrate printers with customer environments.
- Travelled to customer sites to assist in the implementation and roll out of solutions.

EDUCATION

University of Kentucky   **2009 – 2012**
Bachelor of Science, Computer Science
- Minor in Mathematics
- Summa Cum Laude
- 3.8 GPA
- College of Engineering Dean's List (Fall 2009 – Fall 2012)

TECHNICAL SKILLS

Programming Languages
> Proficient: C, C++, Python, and Bash
> Knowledgeable: Java, Rust, and Haskell

Development Tools & Processes
> gdb, valgrind, git, gerrit, SVN, yocto, Jenkins, agile, and Secure Software Development Lifecycle

Association for Computing Machinery, UK Chapter   Fall 2009 – Fall 2012

Vice-President of Student Chapter   Aug 2011 - May 2012

- Organized Hackathons (12 hour programming event), social meetings, and technical events (e.g. guest speakers, tech workshops).
- Led chapter meetings with fellow officers and faculty of the department regarding organization sponsored events, schedules, etc.
- Helped create and maintain a budget to guide chapter spending on events.