

Drew P. Short**Résumé**

1430 Taylor Ave W, St. Paul, MN 55104

☎ (651)-285-4565 — ✉ drew@sothr.com — 🌐 <https://www.sothr.com>

OBJECTIVE A senior development position on a software engineering team, with special interests in web middleware, and back end processing systems.

EDUCATION *Bachelor of Science, IT* (May 2013) Minnesota State University
Software Engineering & Ethics Mankato, MN

COMPUTER SKILLS **Languages & Software:** Java, SQL, Scala, Javascript, Ruby, Rust, Python, C#, C, Spring Framework, JEE, Hibernate, JUnit, Log4J, Logback, SLF4J, Backbone.js, JQuery, Bootstrap, Oracle, MySQL, MariaDB, MSSQL, SQLite.
Operating Systems: Windows, Linux (Arch, Ubuntu, RHEL, OpenSuse), OSX.

EXPERIENCE **Software Engineer** Cargill Incorporated, Risk Management
Hopkins, MN 2013 - 2016 (2 years, 7 months)

- Designed, implemented, and tested the most complex, '*Risk Product*' to date while staying within the restrictions of the original system.
- Migrated a Spring application to a latest version JQuery, rewriting custom plugins, and re-organizing the structure to comply with modern standards.
- Rewrote and upgraded a system designed to manage '*Risk Products*' that gave the end user improved control over the individual flow components.
- Maintain a Spring web application that has been in use for 10+ years. Modernized components, improved the back end, and implemented modern front-end components for existing functionality.

Software Engineer Intern (Under Contract To) FPX LLC
Mankato, MN 2011 - 2013 (2 years, 1 month)

- Developed software that permutes data for automated fuzzing.
- Expanded a REST API and implemented continuous integration testing.
- Developed a DSL for internal verification, testing and reporting tools.
- Developed a '*playback*' system that enabled '*re-playing*' data for duplication and debugging of client systems.
- Quality assurance, code coverage and regression unit testing.

Geek Squad Agent Best Buy
Blaine, MN / Mankato, MN 2008 - 2011 (3 Years)

- Senior Technician. Responsible for overseeing, repairs in the precinct.
- Provide technical support for Best Buy customers and pursue software and hardware sale opportunities.

AWARDS, MEMBERSHIPS, AND TRAINING

- **Eagle Scout** **2007**
- IEEE Member 2009-2011
- BSA Leadership Instructor Summers 2004-2007
- Piloted NAYLE Leadership Course Summer 2006

REFERENCES Available Upon Request