

# Annette Spyker Mechelke

<https://annette.mechelke.us/>

## EXPERIENCE

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### Fetch Rewards

*Staff Engineer*

Madison, WI

*Feb 2020 - Present*

**Onboarding Initiative:** Created employee onboarding initiative for technology department as it grew to over 150 employees. Curated content for a dozen technical information sessions. Established and executed successful hackathon-type event for technology and product departments.

*Senior Software Engineer - Team Lead*

*June 2019 - Feb 2020*

**Team Lead:** Lead first new team in transition from single development team to many small product focused teams.

**Process Improvement:** Worked with team to establish team metrics; automated metric collection process to report on metrics at monthly retrospective. Collaborated with product and project manager to revamp work stream ingestion process.

*Senior Software Engineer*

*Dec 2014 - June 2019*

**Major System Refactors:** Refactored numerous business critical systems. Points (in app currency) accounting system, Shopping Lists, Pricing, and Offers/Coupons. Each time replaced existing, fragile code based with a focus on increasing maintainability and extensibility, while still completing the refactor in a timely fashion.

**Production Support:** Played integral role in creation of production support rotation. Implemented numerous improvements to increase supportability of our applications. Set up a Logstash/ElasticSearch/Kibana (ELK) stack to allow ingest of logs from remote devices and app servers.

**Process & Team Development:** Established and facilitated weekly technical seminar for development team. Identified need for mentor program, mentored two junior developers. Played key role in transitioning from sprints to kanban workflow.

### Shophop, an Amazon subsidiary

*Software Development Engineer*

Madison, WI

*July 2012 - Nov 2014*

**Java Web Services:** Part of a team that developed and supported numerous Java web services. Implemented numerous small improvements, interacting with business users to ensure satisfactory results. Worked across teams to coordinate larger website feature changes, such as expanding search functionality to allow faceted navigation.

**Scrum Master:** Served as Scrum Master for team of 8 people, helped establish agile development practices, created documentation to facilitate rotation of Scrum Master position.

### Novashield Inc.

*Application Developer, Lead for Malware Lab*

Madison, WI

*Jan 2010 - June 2012*

**Infrastructure Management:** Managed VMWare servers. Used VM networks and linux and Cisco firewalls to ensure a safe network for executing malware. Maintained a MySQL database, tracking over 8 million samples.

**Java Test Framework:** Maintained and improved extensive in-house testing software, written in Java.

**Task Automation:** Created automation scripts in a variety of languages: Windows batch, bash, and Python.

## OUTSIDE EXPERIENCE

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**Codecinella, Co-organizer:** I plan and coordinate events from technical talks to hands on workshops. I have also presented talks on: Git, unit testing, and Conway's Game Of Life for a workshop.(Slides for both available on my website.)

## SKILLS

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**Languages & Frameworks:** Java, Spring, SpringBatch, NodeJS, Python, SQL, Javascript, Ansible

**Technologies & Tools:** Git, MongoDB, MySQL, AWS (Lambda, SQS, SNS, ElasticBeanstalk), Redis, ElasticSearch, Apache Solr

## EDUCATION

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### University of Wisconsin

*Master of Arts, Mathematics; Certificate in Computer Science*

Madison, WI

*2008*

### Arizona State University, Barrett Honors College

*Bachelor of Science, Mathematics; Summa cum laude GPA of 4.0*

Tempe, AZ

*2006*