

MATTHEW BAUER

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WORK EXPERIENCE

Obsidian Systems

Software Engineer

New York, NY, USA

June 2018 – Present

- Developed with Reflex framework, a Haskell-based web framework
- Helped in creating Obelisk, a deployment tool for Reflex
- Worked on Nix expressions used in Reflex and Obelisk

Amazon.com, Inc.

SDE Intern

Seattle, WA, USA

Summer 2017

- Worked on Mobile Identity team which manages the login screens for Amazon apps
- Made it easier for teams to register new devices through Identity Services
- Learned enterprise Java programming through the Spring Framework

Lexmark Enterprise Software

Software Engineer Intern

Lenexa, KS, USA

Summer 2015, Summer 2016

- Worked on the Client Architecture team which builds the JavaScript web framework which other teams use to build enterprise solutions
- Participated in high level design decision conversations
- Moved web framework away from in-house solutions to better maintained open source projects while preserving legacy compatibility
- Asked to return after impressive first year

EDUCATION

University of Kansas

B.S. in Computer Science

Lawrence, KS, USA

Aug. 2015 – Dec. 2018

- Participated in ACM and hackathon competitions
- Coursework includes Software Engineering, Programming Languages, and Communication Networks

HONORS & AWARDS

2017 **3rd Place** , JayHacks Hackathon

Lawrence, KS, USA

2013 **Grand Prize** , Google Code-in

Mountain View, CA, USA