

Rebecca J. Meritz
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SKILLS

Languages (Fluent): Python, Erlang, English
Languages (Proficient): Javascript, SASS/CSS, Ruby, Bash, Latex, Swedish
Tools: Git, Unix, Vim, Emacs, Django, Postgres, Riak, Vagrant, Agile

EXPERIENCE

FundedByMe AB
Stockholm, SE
February 2013 - Present Lead Developer Full stack web development for an international crowdfunding platform Developing, testing, deploying, and maintaining code Promoted to lead developer for showing leadership skills

Klarna AB Stockholm, SE May 2011 - Present Developer • Design, develop, and test secure APIs in Erlang using OTP behaviors. • Work with an agile team on fault-tolerant backend infrastructure for global e-commerce. • Communicate within a team and present to key stakeholders. • Facilitate the release process including the development of tools. • Integrate with external services and open source libraries.

Undergraduate Research Assistant June 2008 - December 2009 Center for High-Rate Nanomanufacturing Boston, MA • Co-authored: "Engineering Low-Aspect Ratio Carbon Nanostructures: Nanocups, Nanorings, and Nanocontainers," ACS Nano, 2009. • Optimized process to grow densely packed, vertically-aligned, single-wall nanotubes. • Operated and developed recipes for chemical vapor deposition furnace, ion mill, inductive coupling plasma, electron beam evaporator, and scanning electron microscope.

Mechanical Engineering Internship July 2009 - August 2009 Naval Undersea Warfare Center Newport, RI • Modeled MK54 Torpedo engine parts and assemblies. • Oversaw deep depth pressure vessel tests, performed data analysis, and compiled lab reports. • Coordinated Otto fuel compatibility testing.

Torpedo R&D Engineering Co-op January 2009 - June 2009 Naval Sea Systems Command Washington, D.C. • Investigated requirements and updated security practices. • Created expense plans and a process for tracking expenditures to help shape the budget. • Coordinated Insensitive Munitions testing across multiple test sites.

EDUCATION

Northeastern University, Boston, MA
B.S. Mechanical Engineering, Honors College
Graduation April 2011
G.P.A. 3.7/4.0

EXTRACURRICULAR INTERESTS

Climbing, roller derby, cycling, and linguistics.