

Bethany Long

bethanylong.x90@gmail.com
(253) 651-8578

Insightful and diligent software engineer with a passion for problem solving.

Employment

Isilon Systems / Dell EMC—Seattle, WA
Senior Software Quality Engineer

2016–present

- Discover (and exhaustively document) code-level root cause of customer complaints
- Create tools to instrument unfamiliar codebases and speed up defect resolution
- Devise techniques for constructing critical and complex software patches
- Mentor and train new hires in a welcoming and engaging manner
- Write and present technical training for team members and colleagues
- Pinch-hit various roles for adjacent overloaded teams, such as writing and verifying fixes

WWU Residential Technology—Bellingham, WA
Server Administrator

2012–2015

- Ensure availability of critical network services to over 4000 on-campus residents
- Design and deploy automated infrastructure for service monitoring (Nagios), configuration management (Puppet), code deployment (Fabric), and package building (Poudrière)
- Create web and command line tools to aggregate, display, and analyze business metrics

WWU Enterprise Infrastructure Services—Bellingham, WA
Full Stack Developer / Network Analyst

2015

- Create web applications to combine databases and APIs into a single seamless interface
- Collaborate with network engineers to automate critical tasks involving network appliances

Education

Western Washington University—Bellingham, WA
BS, Computer Science (cum laude)

- *Accolades:* Computer Science/Math Scholar, James Michael Haskell Memorial Scholarship, Kaiser-Borsari Scholarship for Women in Computer Science

Skills

- *Languages:* Python, C, common shells, SQL, and Javascript; some C++, Java, and Lisps
- *Tools:* Vim, tmux, Git, GDB, DTrace, ktrace, strace, Wireshark, tcpdump, L^AT_EX
- *Operating systems:* FreeBSD, Linux (Debian, Ubuntu, CentOS)
- *General:* Superb analytical and communication skills, avid bug hunter, strategic mindset, independent learner, ability to excel in both team and individual work settings