

Programmer Analyst I Programmer Analyst I Knoxville, TN Authorized to work in the US for any employer Work Experience Programmer Analyst I University of Nebraska Medical Center - Omaha, NE 2009 to 2010 Supported UNMC and NMC (Nebraska Medical Center) Doctors, Nurses, and Patients Overhauled a Python web app used for filing and printing medical orders \* Scoped, designed, coded, tested, and documented iterative releases \* Managed release and deployment to dev/test/prod architecture \* Instrumented and optimized for security, stability, and performance \* Supported application troubleshooting and maintenance Increased productivity by shortening stakeholder and DevOps feedback loops \* Introduced XP, Scrum, Trac, Agilo, Mercurial, Test-driven Development, Nose \* Added an in-application feedback form \* Wrote user stories and functional/unit tests for new and existing specs \* Designed, tested, developed, and implemented prioritized user stories \* Introduced Continuous Integration; Hudson, Shell Scripting Trained team members \* Refactored out of Zope towards WSGI and what is now Pyramid \* Introduced JSON API and cross-browser compatible JavaScript framework \* Identified and mitigated CWEs to reduce surface \* Consolidated into a single-page-application \* Extended and refactored interface; YUI GUI \* Created command line utility to simplify application management \* Added docstrings with parameter and return value specs; ReStructuredText \* Drafted narrative systems documentation; ReStructuredText, Sphinx Standardized data model \* Extracted, mapped, and migrated MySQL / document object schema; SQLAlchemy \* Implemented transactions for consistency and referential integrity \* Implemented an integrated task queue; Celery, AMQP \* Wrote online and offline MySQL reports Semantic web \* Prototyped RDFa templates; Jinja2 block recursion \* Developed an OWL-DL ontology based on DOAP, FOAF, and RDFS to describe a systems component graph and metadata; Sesame, Redland, Prot g , Pellet, Turtle (TriG) \* Created tool to generate documentation reports from SPARQL queries of a component graph; RDFLib, FuXi, ReStructuredText Web Developer University of Nebraska at Omaha - Omaha, NE January 2007 to March 2008 Python Web Developer \* Scratched, forked, and extended another Content Management System \* Collaborated with graphic designer \* Designed and developed events calendar app \* Created hCalendar microformat templates \* Wrote iCal download views \* Integrated Simile Timeline widget

\* Extended MediaWiki syntax parser with JavaScript AJAX XHR \* Learned about web application and OS security \* Python: Django 0.97-1.0, Plone \* JavaScript: jQuery, Dojo \* MySQL, PostgreSQL Systems Infrastructure Management \* Intrapreneured "NUCIA Web Services" web systems acronym moniker \* Partitioned and virtualized a series of intranet applications \* Contributed platform to Vulnerability Discovery course [westurner.github.io/resume](https://westurner.github.io/resume) Education BSc in Management Information Systems (\*3 hrs remaining) UNOMAHA - Omaha, NE Skills Computers (10+ years), Python (6 years), Web Development (10+ years), Testing (6 years), TDD, Microsoft Office, Linux, MySQL, HTML, Java, C++, Javascript (5 years), Linked Data Links <https://westurner.github.io/> <https://westurner.github.io/resume> <https://github.com/westurner> <https://westurner.github.io/hnlog> <https://www.linkedin.com/in/westurner> Awards Outstanding Communications 2010-12 2010 AIS Student Chapters (UNO MISSO) Outstanding Communications Award (for conference calls, emails, creating Facebook, Twitter, and LinkedIn accounts; and preparing a map of web services for the organization) Additional Information "Criteria for Success and Test-Driven-Development" (2016) <https://westurner.github.io/2016/10/18/criteria-for-success-and-test-driven-development.html>

Name: Kaitlin Gay

Email: [johnmiller@example.com](mailto:johnmiller@example.com)

Phone: 879-402-3128x93074