Michelle C. Funk

Software Development | Research | Communications

Profile

Driven, independent front-end developer using primarily JavaScript (React/Redux), with fierce values around code review, unit testing, and usability and a strong record of self-directed learning.

Collaborative problem-solver with a proven talent for picking up new technologies and systems quickly, thinking critically, and working closely with colleagues to create elegant solutions that work.

Skilled Researcher and Analyst with a passion for finding evidence-based solutions and over 5 years experience and master's-level education in qualitative and quantitative research methods.

Employment history – development

Exosite LLC – Minneapolis, MN

Full-Stack Web Developer (Platform), *Mar. 2016 – present*

Develop primarily front-end code, working mostly in JavaScript (ReactJS, Redux, Mocha/Chai, NodeJS) to help build, improve, and add features to Exosite's next-generation Internet of Things platform, Murano.

Support Specialist, *Oct. 2015 – Jun 2016*

Provided development support to customers using Exosite's IoT platform, Portals, including APIs, scripts, and JavaScript widgets. Was resourced 75% to front-end platform development from March to June.

GreatBizTools – Minneapolis, MN

Contract Software Engineer, *Jul. 2015 – Aug. 2015*

Developed front-end code (JavaScript/jQuery, Django, CSS/Bootstrap 2) for proprietary online training web application in a small team. Adapted open-source threaded messaging package to add email-style messaging feature.

Specialized job training

Prime Digital Academy - Bloomington, MN

Beta Cohort Student, *Apr. 2015 – Jul. 2015*

Learned key software development skills and principles in immersive 12-week "boot camp" program.

- Created full-stack applications using the MEAN stack and jQuery.
- Participated in solo, paired, and group programming projects
- Engaged in talks on teamwork, project management, QA, & accessibility.

Projects

- **Solo**: Created web app to display multi-year data from MN DNR with added context. *(AngularJS, JavaScript, AJAX, Leaflet)*
- **Group**: Added results list and interactive functionality to a property search results map to improve user experience *(Google Maps API, JavaScript, jQuery)*

Technologies

Daily use

JavaScript

ECMAScript

React/Redux

Material UI

Mocha/Chai

HTML/JSX

CSS/Sass

Git (CLI)/Github

REST APIs

Familiar

MongoDB

Node.js

AngularJS 1.x

Bootstrap 2 & 3

Python

Express

Django

PostgreSQL

Bonus skills

GIMP

Inkscape

Additional employment history

Mental Health Consumer/Survivor Network – St. Paul, MN

Development and Communications Associate, *Aug. 2013 – Dec. 2014*

Handled communications in small nonprofit with diverse stakeholders. Managed website (including redesign) and social media. Supported fundraising through data analysis, reporting, and grant writing.

Insights360 – Roseville, MN

Project Director, *Mar. 2012 – Aug. 2013 (part-time)*

Performed analysis and reporting for focus group research. Assisted in managing market research with US vendors. Provided strategic support in marketing communications.

Rust Consulting – Minneapolis, MN

Customer Service Representative (contract), *Sept. 2012 – Mar. 2013*

Call Center Team Lead, *Mar. – Aug 2013*

Assisted participants in complex national foreclosure review. Went on to manage customer service representatives (CSRs) and leads, give trainings, and serve as a resource on process and case content.

Graduate Internships

Program Assistant, **University of Minnesota (BCED) – Minneapolis, MN**, *Oct. 2011 – May 2012*

Created and managed print collateral, including redesigned newsletter & event promotion.

Research Intern, Goodwill Industries of Hawaii – Honolulu, HI, *May – Aug. 2011*
Researched and reported on local Micronesian migrants' service needs; provide grant-writing support.

InsightsNow, Inc. – Corvallis, OR

Research Associate, *Dec. 2006 – Oct. 2007*

Business Development & Innovation Associate, *Oct. 2007 – Nov. 2008*

Research Specialist, *Nov. 2008 – Jul. 2010*

Served in multiple roles at a rapidly growing market research consulting firm that used in-house data analysis & reporting software.

- Coded online surveys and provided data analysis & reporting.
- Provided support for corporate strategy & business development; wrote software design requirements.
- Researched & advised CEO on consumer behavior theory and research applications (concepts used for Lundahl, 2011 and developed into award-winning methodologies). Launched webinar program; managed web content; wrote web and print campaigns.

Education

University of Minnesota – Minneapolis, Minnesota

Master of Public Policy, Advanced Policy Analysis, *Aug. 2010 - Dec. 2011*

- Selected coursework: Qualitative Methods, Program Evaluation, Survey Research, Intermediate Regression

Oregon State University – Corvallis, OR

Post-baccalaureate work, Business Administration, *Summer - Fall 2008*

Earlham College – Richmond, IN

Bachelor of Arts in Sociology/Anthropology, *Sept. 2002 - May 2006*