Kimberly Ann Keller

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github.com/kimberlykeller

Enjoys well-designed software and Star Trek

Technical Skills

Languages

Java, Python, JavaScript, PostgreSQL, OpenCL, HTML, CSS/SASS, LaTeX

Frameworks

Django, Django REST, React, Redux, WordPress

Technologies

Git, Gulp, Docker, AWS, Webpack

Education

M.Sc. Computer Science

University of New Mexico | 2020

Focus:
Software Engineering, Data Science

Deep Dive Full Stack

CNM STEMulus Center | 2015

10 week, immersive, full-stack development bootcamp.

B.A. Philosophy, English

University of New Mexico | 2012

magna cum laude

Community Work

Technical Interviewer / Tutor

CNM STEMulus Center | 2016 - 2017

Coding Instructor

UNM Summer Camp | 2016
Bosque Summer Camp | 2016
Bosque Winterim | 2015 - 2016

Interests

- Parallel computing
- Data visualzation
- Philosophy
- Teaching
- Gardening

Projects

Parallel Molecular Simulation

University of New Mexico, Department of Chemistry | 2017
- Parallelized an existing simulation to reduce computation time Simulation developed in C, parallelized with OpenCL. Parallel GPU commputing.

Custom WordPress Plugin

Institute of Community Wellness & Athletics | 2016
- Custom plugin that improved work functionality and allowed for dynamically generated content. Developed using WordPress, PHP, and jQuery.

Web & Hybrid Mobile App

Bread Basket | 2015
Awards: 1st place, University of New Mexico Mobile App Contest, April 2015
- Peer to peer application connecting grocery stores and restaurants with those in need. Full stack web application and hybrid mobile app for Android and iOS. Developed using MySQL, PHP, AngularJS, HTML5, Bootstrap, and Ionic Framework.

Professional Experience

BlueInk Technologies & ZByte Web - Albuquerque, NM

Software Developer | 2017 - Present
- Contributed to individual feature sprints in Python and React
- Identified the need for automated customer support - integrated application with existing support platform
- Participated in planning and architecture meetings
- Coordinated with sales and support teams to communicate feature releases as well as gather customer feedback

Web Developer | 2016 - 2017
- Built custom WordPress themes and plugins using jQuery, HTML, PHP, CSS/SASS
- Prepared website proposals and proposed technical solutions to meet business needs
- Coordinated with clients to implement mobile-first, cross-browser features and designs

Gravitas Publications Inc. - Albuquerque, NM

Operations & Marketing Director | 2014 - 2016
Social Media & Marketing Director | 2013 - 2014

Kappa Kappa Gamma Fraternity - Columbus, Ohio

Leadership Consultant | 2012 - 2013

Center for Academic Program Support - Albuquerque, NM

Math/Science Student Manager | 2011 - 2012
Supplemental Instruction Leader | 2010 - 2011