Keith Richards

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Work Experience

Software Developer

RTI International (Jan 2017 to Present)

- Develop software applications in Python and JavaScript from database modeling and UI prototyping to application deployment and performance tuning.
- Manage application development using Agile methodologies to ensure stakeholder satisfaction, successful delivery of incremental updates,
- Mentor and advise staff on software engineering best practices, to include design patterns, unit testing, and code standards. Enforce best practices using continuous integration tools.

Web Applications Developer

Dakno Marketing (April 2015 to Jan 2017)

- Led front end development of a real estate search application from UX prototype to deployment. Written in React, connecting to a legacy PHP API.
- Maintained over 50 databases containing regional real estate listings. Aggregated data from real estate boards using custom Python framework. Developed automation to speed up the on-boarding of new regional databases from 10 days to 3.
- Set up new regional real estate databases and in accordance with regional Multiple Listing Service board specific compliance guidelines. Wrote new update scripts in Python to align MLS data with existing infrastructure requirements.

Cryptologic Linguist

United States Marine Corps (May 2010 to May 2015)

- Oversaw the day to day activities of subordinate Marines in a highly dynamic environment. Instructed courses on Signals Intelligence operations in classified and unclassified environments.
- Led periodic inventories and routine maintenance of over $4M in classified equipment, in accordance with Department of Defense and Marine Corps regulation.
- Maintained a working proficiency in Modern Standard Arabic, as outlined by the Interagency Language Roundtable.

Education

Bachelor's of Science - Information Technology (Software Development)

Western Governors University (Anticipated May 2018)