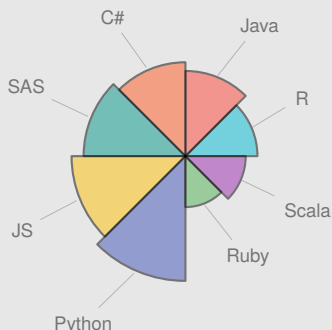# JordanMoak

Software Engineer

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🐙 JMoak

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## About Me

I'm a hard-working engineer with ten years of experience ranging across a variety of tech stacks and industries. Starting with statistical programming and eventually moving into webservices, I've found a passion for creating software tools and automation solutions in whatever tech stack I'm in.

## Programming



## Technical Skills



# Experience

**[Oct 2021 - Now]**  **Software Engineer II**  <span>Care.com</span>

- Acted as a major contributor to the rehabilitation of a large Java monolith built on Spring, Tomcat, and Liquibase (MySQL) by refining processes, implementing improvements, and extracting submodules for better long-term maintenance and ownership.
- Led the configuration and integration of open-source and third-party tools, tools including Backstage Service Catalog (Node.js app) and SonarQube, along with the successful implementation of associated CI/CD pipelines.
- Served as a community leader, proactively addressing emerging issues in critical business software and fostering a collaborative troubleshooting environment.

**[Nov 2018 - Oct 2021]**  **Software Engineer III**  <span>Angi (formerly known as Angie's List)</span>

- Collaborate as a member of a foundation team to design and create tools and code-generation templates issued to delivery teams throughout the organization.
- Upgrade and maintain an in-house test-data-management application using Ruby, MySQL, and Javascript/Python for API distribution.
- Develop and maintain a state-of-the-art RESTful Miscroservice testing framwork using NodeJS, Mountebank, Cucumber, and in-house test data management to provide CI/CD support via CircleCI.
- Lead the design and development of an Appium-based mobile app testing framework using Python, XCUITest/UIAutomator2 integration, and in-house test data management to provide support to four mobile applications.
- Improve and maintain a Selenium-based front-end testing framework using Python, Mountebank, Gherkin, and in-house test data management to provide CI/CD support for a Microfrontend architecture.
- Act as an automation evanagelist for various testing frameworks; providing documentation, learning bootcamps, and day-to-day support in order to nurture adoption within the organization.

**[Sep 2014 - Nov 2018]**  **DV Software Engineer**  <span>Roche Diagnostics (Contracted through PRO Unlimited)</span>

- Automated an entire mobile-web-medical-device ecosystem using Java, Appium, Selenium, and linux-bash to verify a medical device companion mobile application met rigorous software requirements.
- Independently created a reusable suite of tools using a Java, Selenium, Powershell, and SAS to automate software validation within standard operating procedures.
- Double-programmed statistical analyses to verify applications developed in server-hosted SAS BI development environments.
- Lead and operated within a team to automate the generation of test datasets and configuration files to ensure proper functionality of software applications.

**[Mar 2014 - Aug 2014]**  **Programmer/Analyst**  <span>The Stevenson Company</span>

- Developed statistical procedures to conduct quality analyses and clean data for statistical web applications and tools for market research.
- Evaluated existing methods of data processing to improve efficiency and code readability, as well as converting existing SAS programs into MySQL and PHP.
- Investigated anomalous occurrences and statistical trends to provide feedback to clients.

**[Jan 2013 - Dec 2013]**  **Statistical Programmer**  <span>STATKING Clinical Services</span>

- Collaborated within a programming team to complete data management and statistical analysis of 20+ phase I, II, and III clinical trials in various therapeutic areas.
- Developed CDISC standard SDTM and ADaM submission datasets using the SAS programming language.
- Lead the production of 160+ analysis tables and listings for a Phase III Clinical Trial.
- Authored and executed Data Management Plans, Program Design Documents, Logic Checks, Test Plans, and Test Plan Summary Reports.

# Education

**[2008 - 2013]**  **Bachelor's Degree in Mathematics**  <span>Northern Kentucky University</span>

**[2008 - 2013]**  **Bachelor's Degree in Statistics**  <span>Northern Kentucky University</span>