

Tracey Cannon

SOFTWARE ENGINEER IN ST. LOUIS, MO

powered by
launch_code

PHONE 314-498-8529 | EMAIL tlarhein@gmail.com

GITHUB <https://github.com/tlarhein> | LINKEDIN www.linkedin.com/in/TraceyLCannon

I incorporate a strong sense of detail and analysis skills into the development of user-experience programming that resolves questions and improves value. I am interested in continued programming development.

LANGUAGES

- Java
- Python
- SQL

FRAMEWORKS

- Bootstrap
- Spring Boot
- Flask
- Spring MVC

TOOLS

- MySQL
- IntelliJ
- Visual Studio
- GitHub
- Git
- MySQL

ANALYSIS

- STATA
- GeoDa
- Atlas-TI

PROJECT EXPERIENCE

ResearchEase — User-Experience Research Tool

- Designed UI for iOS, Android and Laptop to simplify the user experience for field research
- Java language using IntelliJ, with MySQL in MAMP for immediate database availability
- Enables the collection of GIS and qualitative response data in real-time during meetings

EDUCATION

- **LaunchCode**, Programming — 2018-2019
- **Master of Arts**, Public Policy, University of Missouri-St. Louis, 2014
- **Master of Arts**, Public Administration, Saint Louis University, 2002

WORK EXPERIENCE

Data and Compliance Manager, KIPP Schools, St. Louis, Missouri, August 2015 - March 2018

- Managed region-wide student and staff information systems (SIS)
- Analyzed data for decision making; compiled reports and dashboards to identify trends
- Audited the accuracy of system use, providing professional development to improve data
- Successfully met reporting requirements to state, federal government and stakeholders

Director - Data, Research & Evaluation, Normandy Schools, St. Louis, Missouri, June 2012 - December 2013

- Standardized operations and data practices to improve state reporting; resulted in the release of \$600K, previously withheld due to historical data inaccuracies
- Performed statistical analyses, internal and external reporting for decision making
- Audited the accuracy of information system use, presenting professional development
- Monitored and maintained compliance with data protection regulations

Tracey Cannon

PHONE 314-498-8529 | EMAIL tlarhein@gmail.com

Sr. Research Specialist, Public Policy Research (UMSL), St. Louis, Missouri, February 2005 - December 2016

- Designed and implemented in-depth, applied research, based upon client need
- Performed data analysis, from basic descriptive to regressions, incorporating spatially aware methods where necessary to show the impact or trends by location
- Designed logic-model program evaluations to identify most impactful data collection points, context of resources, and analyze program outcomes
- Conducted a process evaluation for the Missouri Office of State Courts Administrator that resulted in better use of a costly system not previously embraced by senior employees
- Wrote and presented detailed outcome reports to clients

Adjunct Teaching, University of Missouri St. Louis, St. Louis, Missouri, 2016

- Taught Advanced Program Evaluation, for the College of Education Graduate School

Adjunct Teaching, Harris-Stowe State University, St. Louis, Missouri, August 2009 - December 2012

- Research and Statistics, I and II
- Research Writing
- Business Statistics