Tracey Cannon

SOFTWARE ENGINEER IN ST. LOUIS, MO

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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	FRAMEWORKS		TOOLS		ANALYSIS
• Java	• Bootstrap	• Spring Boot	• MySQL	• IntelliJ	• STATA
• Python	• Flask		• Visual Studio	• GitHub	• GeoDa
• SQL	• Spring MVC		• Git	• MySQL	• 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

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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
- Designed logic-model program evaluations to identify data collection points, discover the impact of resources, and discover 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