

Kathryn L. Forsythe

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JUNIOR RUBY ON RAILS DEVELOPER

Accomplished, decisive, and knowledgeable team member with over 9 years of experience in varied research environments. Recognized for investigating and analyzing key issues, and for anticipating and solving problems. Excellent communicator with a proven track record staying focused on deadlines and deliverables, both while coordinating teams and working independently. Enthusiastic about opportunities for development and innovation.

Core professional competencies include:

- Creative Problem Solving
- Research Best Practices
- Independent Productivity
- Root Cause Analysis
- Innovative Solutions
- Proactive Teamwork
- Editorial Proofreading
- Numerical Analysis
- Articulate Communications

TECHNICAL SKILLS

Ruby on Rails – Trained as a full stack developer with Rails 4.2 and Ruby 2.2, with a focus on back-end development. Has worked with a variety of Ruby gems, and has experience finding alternate solutions when one possibility lacks flexibility.

Github • Heroku • Amazon Web Services • HTML • CSS • MS Office • Windows • Mac

Javascript - Currently working on my abilities in Javascript, with the intention of moving on to JQuery and Ajax shortly, while always continuing to develop the skills listed above.

APPLICATION EXAMPLES

Bookshelf App – Developed this app independently, using gems where appropriate, and developing own solutions when existing gems did not provide needed functions. Wrote tagging system, search system, and a nested attribute alternative.

Record Data And Expenses – Developed this app in conjunction with a teammate, coordinating and updating with github; primary contribution focused on back-end. Wrote custom validators, extensive methods in models and helpers to provide totals for users' time and mileage, enabled setting foreign key by default from parent show page.

EDUCATION

Code Immersion Program, Tech Talent South, Asheville, NC (2016)

Graduate Studies, Dept. of Celtic, University of Glasgow, Scotland (2001-2005)

Bachelor of Arts, Agnes Scott College, Decatur, GA (2001) - **Magna cum laude; Phi Beta Kappa**

PROFESSIONAL EXPERIENCE

Research Triangle Institute, Research Triangle Park, NC • 2006-2015

Field Interviewer – research study liaison, interviewer, and quality assurance specialist

Responsibilities included analyzing team members' performance, facilitating participation, ensuring confidentiality and privacy, and conducting computer assisted in-person interviews.

Key Contributions:

- Represented research studies to participants from diverse backgrounds utilizing a variety of communication media, exceeding goals in 80% of projects.
- Caught a critical software error, which would have threatened client confidentiality, averting multiple adverse events on a nationwide project.
- Observed and analyzed team members' performance and compliance to protocol, providing field interviewers with feedback on how to improve and ensuring high data quality for the project.
- Acted as independent project representative in high-stress environments; in this role, I maintained the reputation of our company, project, and client, ensuring 100% of project protocols were followed and 100% of project goals were met.
- Acted as survey researcher, outside the scope of my regular role. Analyzed nationwide research study for project leads, categorized questions, created individual survey parameters, and selected respondents.
- Brainstormed ways to work with facilities' unique situations, while maintaining project standards and protocols, ensuring deadline completion and 100% project protocols compliance, resolving conflicts 99% of the time.
- As part of a blitz team, worked up to 80 hours a week to rescue a challenging project in danger of missing its expected completion rate and delivered 100% of goals met by project deadline.
- As a result of our team productivity, received additional regions' responsibilities, doubling our completion rate.

University of Glasgow, Department of Celtic, Glasgow, Scotland • 2001-2005

Graduate Teaching Assistant (2003-2005)

Responsibilities included planning and teaching discussion classes, marking essays, and helping students improve essay-writing skills.

- Proofreading, essay correction and revision assistance; guided 85% students to achieve higher marks on second essay.
- Researched and created content for Celtic Civilization discussion groups; discussion group leader for groups of 20 students.
- Conducted research to corroborate course outline and develop content for discussion groups.

Graduate Student (2001-2005)

- Provided proofreading and editing assistance to graduate students whose first language was not English.
- Conducted academic seminars to present research findings.
- Conducted research for thesis work.

Agnes Scott College literary magazine, Decatur, GA • 1999, 2001

Co-Editor-in-Chief, Aurora

- Coordinated editorial team of 10, ensuring that we handled submissions, formatting, illustration, printing, and distribution successfully and on schedule.
- Promoted poetry, essays, and short prose fiction submissions.
- Responsible for formatting and design decisions.
- Facilitated printing and magazine distribution.