

# Allison Hamilton (Adams)

## Data Scientist

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<http://www.linkedin.com/in/allisonadams2013> | Seattle, WA

Mission driven Data Scientist with a passion for gender equity, and math. Experienced in leading R&D data science projects from ideation to execution.

### PROFESSIONAL SKILLS

Statistics, Machine Learning, Predictive Analytics, Data Management, Business Intelligence, Enterprise Analytics

### PERSONAL SKILLS

Public Speaking and Presentations, Creative Problem Solving, Fast Learner, Organization, Critical Thinking

### EXPERIENCE

**Data Scientist** | Syndio | Seattle, WA

*July 2019 – Present*

- Develop advanced descriptive and inferential statistical models in both R and Python (e.g., t-test, chi-square, correlation, multi-variate regression, optimization functions) to understand usage behaviors, generate and test hypotheses
- Identify trends and solve complex HR business analytics problems using structured and unstructured data from both internal and external sources for external publications
- Distill and present data analyses to large and small, technical and non-technical audiences
- Interact cross-functionally with a wide variety of leaders and teams, working closely with product and engineering to identify opportunities for design and to assess improvements for internal products

Authored Article 2020: [Comparison of the Three Most Prevalent Pay Equity Analysis and Remediation Methods](https://fairpayworkplace.org/methodology/)

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**QA Software Engineer** | Brooks Sports | Seattle, WA

*Nov 2016 – June 2019*

- Led E-commerce QA Team responsible for managing multiple digital high-profile Agile projects with complex requirements and multiple stakeholders
- Lead Test Engineer for several concurrent high-profile projects including: Global Marketing Campaign, Website Refresh, Checkout Refresh generating over \$385,000 in revenue with 15% lift in mobile conversion rate with \$7.5 million increase in incremental profit.

**Senior Systems Analyst** | Liberty Mutual Insurance | Seattle, WA

*Sept 2015 – Nov 2016*

- Coordinated testing of project upgrades and roll outs, including the creation of implementation plans, training and monitoring production performance
- Communicated project objectives and scope to project managers and senior peers across a distributed team
- Analyze complex system problems, design and implement effective solutions directly benefiting end users

**IT Analyst** | Liberty Mutual Insurance | Seattle, WA

*May 2013 – Nov 2016*

- Analyze and produce full requirement documents providing clear and consistent requirements to business and development team
- Organized and taught Excel Workshops to over 30 Business Analysts, Trainers and Quality Analysts tailored to specific problem sets within the business unit

### EDUCATION

**Master of Science** | Management Information Systems | Seattle Pacific University

*June 2019*

*Emphasis in Data Analytics, Machine Learning and Business Intelligence*

**Bachelor of Arts** | Business Administration | Washington State University

*May 2013*

*Emphasis in Management Information Systems*