

Andrew R. Freed

Homepage and blog: <http://www.freedville.com>

LinkedIn: <https://www.linkedin.com/in/andrewrfreed/>

Twitter: <https://twitter.com/andrewrfreed>

Experience **IBM**, Research Triangle Park, NC September 2017 – Present
Senior Technical Staff Member and Master Inventor

- Led complex cognitive projects with strategic clients.
- Influenced IBM product direction from client feedback.
- Harvested intellectual capital from new products and technologies.

IBM, Research Triangle Park, NC August 2011 – September 2017
Senior Software Engineer

- Led and delivered projects using NLP and ML to solve client problems.
- Preprocessed structured and unstructured documents for cognitive content ingestion.
- Drove TDD and DevOps processes through my teams and projects.

IBM, Research Triangle Park, NC August 2007 – August 2011
Advisory Software Engineer

- Managed the migration of 500+ projects and 7500+ users from GForge to IBM tools.
- Educated 2000+ developers on Jazz Source Control.
- Developed internal application with over 10,000 registered users.

IBM, Research Triangle Park, NC August 2005 – August 2007
Staff Software Engineer

- Led development squads on installation and monitoring.

IBM, Research Triangle Park, NC June 2003 – August 2005
Software Engineer

- Developed J2EE application components.

TVHound LLC, Cary, NC May 2005 – August 2005
Software Architect

- Designed and implemented a J2EE application for startup.

Education **Master of Science in Computer Science** May 2003
Honors Bachelor of Science in Computer Science
Pennsylvania State University, University Park, PA

- GPA 3.86/4.0, Dean's List all semesters.

Key Skills Natural Language Processing (NLP), Machine Learning (ML), Content Ingestion
Java, REST APIs, XML/JSON, Database, On-premise and Cloud technologies
Client-facing, mentoring, collaboration, Agile/Lean, TDD and DevOps

Certifications and Badges Watson Knowledge Studio Methodology
Watson Discovery Service Foundations
IBM Mentor
Sun "Certified Enterprise Architect", Exams 310-051, 310-300A, and 310-061
Sun "Java Certified Programmer", Exams 310-055, 310-252A, and 310-027

Patents Over 80 patents filed with USPTO in cognitive and cloud technology
Full list: <http://www.freedville.com/#/writing>