MATTHEW RATHBONE

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OVERVIEW

I am passionate about leading teams to build top quality software products. Measurement, instrumentation, automation, and experimentation are at the center of my product development philosophy.

PROFESSIONAL EXPERIENCE

Beekeeper Data, Madison WI   **Aug 2014 - Present**
Co-founder and CEO

- Beekeeper Data lets executives and non-technical staff quickly ask many different questions of their data.

Shoutlet, Madison, WI   **Sep 2013 - Aug 2014**
Lead Architect and Engineering Manager

- Designed distributed software systems and managed a team of 9 engineers.
- Constructed and led a team to design, build, and scale a set of internal API services for business data.
- Pushed engineers to embrace testing, monitoring, and automation

Foursquare, New York, NY   **Nov 2010 - Sep 2013**
Software Engineer - Data Infrastructure

- Built and supported production batch data processing infrastructure using Hadoop.
- Created ETL pipelines in Map/Reduce to ingest 1TB of daily data and feed production systems.
- Worked closely with other engineers to design and produce a suite of software tools for easy development (and testing) of data processing and machine learning algorithms.
- Designed and built internal tools to allow the whole company to access and query large-scale datasets.
- Led an initiative to integrate a standardized event-logging system across all 5 major clients.

Drop.io, Brooklyn, NY   **May 2010 - Nov 2010**
Software Engineer

- Built a high throughput real-time event-data collection and reporting system.
- Developed a distributed user billing system to generate accurate charges for api and disk usage.
- The company was acquired by Facebook in November 2010.

New York University, New York, NY   **Jan 2010 - May 2010**
Grader - Graduate Operating Systems

- Graded programming assignments in linking, memory paging, resource allocation, etc.

Threadneedle Asset Management, London, UK   **Aug 2007 - Jun 2009**
Software Engineer - Front Office

- Lead development of a portfolio management system used to manage fund assets.
- Enhanced legacy software to integrate with strategic in-house platforms and utilize external APIs.
- Worked with a team to create common order processing APIs. The API's were used across multiple projects.

UBS Investment Bank, London, UK   **Oct 2006 - Aug 2007**
Business Change Specialist

- Provided structured analysis of internal statistics and processes in co-ordination with global management teams.
- Played a lead role in the development and deployment of management information systems.

UBS Securities LLC, New York, NY   Sep 2005 - Sep 2006
Analyst

- Led the data collection and filing of 144a class action lawsuit claims.
- Automated departmental management information reporting, increasing accuracy whilst inproving accuracy.

EDUCATION

Courant Institute of New York University, New York, NY   2009 - 2011
MS in Computer Science

- Awarded the 2012 Matthew Smosna Prize for academic achievement.
- Highlighted Courses: Parallel Computing, NLP, Machine Learning.
- My machine learning project was featured in New Scientist Magazine.

Northumbria University, Newcastle-upon-Type, UK   2001 - 2005
LLB Law Exempting - 2:2

- Thesis: "An international study of corporate manslaughter law."

ACTIVITIES

Public Speaking   2009 - Present

- Hadoop Summit Conference, San Jose, CA, June 2013.
- Madison Ruby Conference, Madison, WI, August 2012.
- Various Meetups - Highlights: NYC Machine Learning, Madison Big Data, Mad Railers.

Big Data Madison Meetup   Jan 2013 - Present
Organizer

- Meetup group focusing on big data technologies.
- Arranging speakers, organizing meetups, finding funding, etc.

Media Arts and Game Development @ UW-Whitewater   2011 - Present
Advisory Board Member

- Advise on curriculum & help judge student works at the annual expo.

NYU Masters Association of Computer Science   Sep 2009 - May 2011
President / Officer

Threadneedle Charity Committee   2008 - 2009
Board Member

- Coordinate with charities, encourage staff participation, arrange funds.