

MATTHEW RATHBONE

18 S Bedford Street, #302, Madison WI 53703. 347-450-9876. matthew.rathbone@gmail.com. <http://matthewrathbone.com>

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 improving 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 Rainers.

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.