

Matthew Rathbone

Dallas TX • (347) 257-9038 • matthew.rathbone@gmail.com • <http://matthewrathbone.com>

Overview

I am an entrepreneur and technology executive. I lead teams to build quality customer-centric software and solve real business problems. Measurement, instrumentation, automation, and experimentation are at the center of my product development philosophy.

Professional Experience

Beekeeper Data, Dallas TX

Aug 2014 - Present

Founder and CEO

- Beekeeper Data provides business intelligence, reporting, and analytics capabilities for Hadoop, Hive, Postgres, MySQL, Redshift and more.
- Took a software product from concept through prototype, customer development, fund raising, team building, product development, and sales.
- Raised over \$850,000 from venture capital investors and angel investors.
- Software engineering in Scala, Java, and Javascript.
- Recruited and managed a 6 person team to build, sell, and market the product.
- Financial management, bookkeeping, government filings, and general business management.

Shoutlet, Madison, WI

Sep 2013 - Aug 2014

Lead Architect and Software Engineering Manager

- Managed the API server engineering team to build, deploy, and manage microservices.
- Architected product systems and lead teams to implement them in PHP, Python and Javascript.
- Managed engineers, performed performance reviews, tracked progress, and interfaced with the executive team.

Foursquare, New York, NY

Nov 2010 - Sep 2013

Software Engineer - Data Infrastructure

- Built and supported Hadoop systems to perform batch and real time data processing algorithms.
- Created ETL pipelines in MapReduce to ingest 1TB of daily data and feed production systems with aggregate data.
- Constructed a real-time data processing workflow using Scala and Kafka to process 1bn+ daily events.
- Built a distributed event-logging system for use across Android, iOS, Web, Windows Phone, and Blackberry.

Drop.io, Brooklyn, NY

May 2010 - November 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.

Matthew Rathbone

Dallas TX • (347) 257-9038 • matthew.rathbone@gmail.com • <http://matthewrathbone.com>

New York University, NY

January 2010 - May 2010

TA - Graduate Operating Systems

- Evaluated programming assignments in linking, memory paging, resource allocation, and other OS concepts.

Threadneedle Asset Management, London, UK

August 2007 - June 2009

Front Office Software Developer

- Led development of a portfolio management system used to manage over \$200m of fund assets across equity and fixed income products.
- Enhanced legacy software to integrate with strategic in-house platforms and utilize external APIs (like Bloomberg).
- Worked with a team to create common order processing APIs. The API's were used across multiple projects.

UBS Investment Bank, London, UK

October 2006 - August 2007

Business Change Specialist

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

UBS Securities LLC, New York, NY

Sept 2005 - Sept 2006

Analyst

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

Education

Courant Institute of New York University - New York NY

2009 - 2011

M.S. in Computer Science

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

Northumbria University - Newcastle-Upon-Tyne, UK

2001 - 2005

LLB Law Exempting

- Thesis: "An international study of corporate manslaughter law".
- LPC: Qualified to practice law as a solicitor in England and Wales.

Matthew Rathbone

Dallas TX • (347) 257-9038 • matthew.rathbone@gmail.com • <http://matthewrathbone.com>

Activities

Big Data Author **2009 - Present**

blog.matthewrathbone.com

- Writing articles on Hadoop, Spark, Hive, and Scala with 20,000+ monthly readers, and 3000+ email subscribers
- Tutorials, how-to articles, open-source code, and more

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.

UW Whitewater **2011-Present**

MAGD Advisory Board Member

- Advise on curriculum and current industry trends in computer science and social media

Big Data Madison Meetup **2013-2016**

Founder and Organizer

- Meetup group focusing on big data technologies.
- Built the group from 10 members to over 1500 (it's still growing!)
- Arranging speakers, organizing meetups, finding funding, etc.

Masters Association of Computer Science, NYU **September 2009 - May 2011**

President / Executive Officer

Charity Committee, Threadneedle Asset Management **2008 - 2009**

Board Member

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