

Sam Sandberg | MS CS, data scientist

US Citizen – Atlanta, GA

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Skills

- Concepts: Data, ML, Software, VCS, Testing, Documentation, Agile/Scrum, TCB
- Tools: Python/Java/C++/etc., SQL, GCP/AWS, TLA; English, some Spanish/French/Slovenian/Danish

Experience

Pandora / SiriusXM

Staff Scientist, Radio and Music Informatics

Atlanta, GA

March 2019 – Present

- Pandora Radio: candidate generation, realtime scoring/ranking service, A/B experimentation, etc.
- Custom vector model service, inference, ANN, etc.
- Latent vector space research, audio classifiers, RecSys/ISMIR/ICASSP papers

Hifi (Acquired by Block)

Chief Architect

New York, NY / Atlanta, GA

November 2013 – March 2019

- Platform: internal/external/partner APIs, data models/pipelines, AWS/Heroku, Postgres/Redis, monitoring, docs, testing, CI
- Modeling: CF/sequence/audio/etc.

GetGlue

Backend Engineer

New York, NY

April 2013 – November 2013

- New V3 API, custom Twitter/Gnip integrations, advertising platform, alerting, data layer

Zemanta

Backend Software Engineer

Ljubljana, Slovenia

February 2011 – April 2013

- Sales and partner tools, research on semantic topics/user behavior/the state of the blogosphere
- Presentations at a local Slovenian hackerspace/Ljubljana University/NY Tech Meetup

The Orchard

Senior Web Developer

New York, NY

June 2010 – February 2011

- Music/video encoding/delivery system, Artist Builder product, social integrations

Kargo

Software Developer

New York, NY

May 2007 – June 2010

- Custom DAM (still in use today), custom statistics suite, platform engineering, DBA for multiple replicated MySQL pools

The George Washington University

Teaching Assistant

Washington, DC

September 2007 – May 2008

- Fall semester: CS135 Computer Architecture; Spring semester: CS53 Intro to Java Programming

Education

The George Washington University

Computer Science (Masters of Science), GPA: 3.88/4.00

School of Engineering and Applied Science

Washington, DC

Fall 2007 – Spring 2008

The George Washington University

Computer Science (Bachelor of Science), GPA: 3.61/4.00

School of Engineering and Applied Science, Sigma Alpha Mu

Washington, DC

Fall 2003 – Spring 2007

Denmark International Study Program

Semester Abroad

Humanities and Social Sciences Program

Copenhagen, Denmark

Spring 2006

Interests

- baking, beer, camaraderie, cities, concerts, cycling, drums, family, friends, guitar, hacking, hardware, languages, music, the ocean, skateboarding, software, solving problems, sports, teamwork, travel, vinyl