David C. Snyder

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Experience

- **Infochimps Inc.**   **Austin, Texas**
  Software Developer   *May 2010 – January 2012*

  - Implemented repeatable workflows for processing large datasets using a variety of technologies including Hadoop/MapReduce with Apache Pig and Hadoop streaming.
  - Coded and deployed Ruby on Rails web applications in a production environment.
  - Built a publishing pipeline to streamline the process of uploading large datasets to HBase, ElasticSearch, and MySQL databases.
  - Extended the Infochimps API platform to respond to additional endpoints and implemented an authentication layer with Redis.
  - Implemented a filesystem abstraction library for Amazon S3 and the Hadoop Distributed File System with Ruby/JRuby.
  - Focused on repeatable deploys/systems integration with Opscode Chef on Amazon EC2 backed clusters.

Education

- **The University of Texas at Austin**   **Austin, Texas**
  College of Natural Science, B.A. Computer Science, minor Scandinavian Studies   *2008 – 2012 (Expected)*

Projects

- Wrote a Clojure utility to convert WGS-84 lat/lng coordinates to quadkeys.
- Wrote a library of Java functions (UDFs) for Apache Pig to tile GeoJSON polygons.
- Ported a Twitter tokenizer from Python to Scala as part of the University of Texas at Austin Comp. Linguistics TextGrounder project.
- Participated in the April 2011 3DayStartup Austin division competition and deployed a Rails group lunch voting app in under 48 hours.
- Rewrote the 3DayStartup voting app to be realtime with MongoDB, Websockets, Node.js, and Redis.

Skills

- 2+ years experience with Ruby
- Familiar with Java, C, Javascript, Clojure, Python
- Datastores: MySQL, Redis, MongoDB, HBase
- Web Frameworks: Ruby on Rails and Node.js
- Cloud deployment and automation with Amazon EC2 and Opscode Chef
- Use Emacs/Unix development environment