Andrew Aibinder

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WORK EXPERIENCE

NBCUniversal, New York, NY
Data Engineer, July 2016 - Present
- Lead development in several major projects in the **Big Data Development department**.
- Create complex **automated data flows**, automatically validating, **matching titles** across systems (both **automated** and creating **manual tools** for outliers) using PYTHON to provide data to inform business decisions
- **Ingest** raw data including unstructured and **cleaning** and **restructuring** data for business analysis
- Develop a variety of tools for non-technical users, utilizing many different technologies, such as **Hive**, **Hadoop**, **Spark**, **AWS, Redshift, Teradata,** and **MySQL**
- Designed most work using **Python** (**pyspark**, **cherrypy**, **pymysql**, **pydoop**, etc) and Java (mostly for interacting with APIs), as well as Javascript for web interfaces

RELATED EXPERIENCE

Multiple Public School Districts, NY & CT
Computer Science and Math Teacher, August 2010 - July 2016

- Designed a 9 year curriculum for the students, including **Python**, **Javascript**, **Ruby**, **Algorithm Design**, **App Creation** and **Robotics**.
- Taught Photoshop, Website design (HTML/CSS/JS/PHP, database).
- Coached teams of students to compete in NYC **Mobile App** design competition.

Self- Employed, NY & CT
Freelance/Contracted Web Designer and Data Analyst, August 2006 - July 2010
- Created multiple websites, for schools and for business.

EDUCATION

Western Connecticut State University, Danbury, CT
Masters of Science, Education, July 2010
Focus: Math Education

University of Connecticut
Bachelor of Arts, Psychology, May 2008
Minors: Math, Computer Science

TECHNICAL SKILLS

Hadoop, AWS, Teradata, Spark, Hive, Pyspark, Django, Python, Javascript, Java, C++, Ruby, PHP, HTML/CSS

github.com/rednibia