Contract Python Developer Contract Python Developer Austin, TX Work Experience Contract Python Developer 2013 to Present Automating data processing and reporting workflows using DAGs on Airflow/AWS/Redshift for a top file-sharing startup.   Implementing a machine learning-based parser to automatically extract publication dates of news articles online. The parser is 90% accurate on a news article from any website. Technologies used: python, nltk.   Implementing machine-learning based parser to automatically extract the authors of news articles online, 86% accurate on any web article, using python and nltk.   Implementing automated spambot detection on a Django site with 600k user profiles. Detected and deleted 25K spambot accounts, and now automatically deletes most new incoming spambot accounts.   Rewriting most of the shipping system for a e-commerce company with 25 million annual revenue to make it international and multi-language. Supervised the work of other developers on my team and planned bigger development tasks for them, as well as successfully pushing for in-house QA and better development practices on our projects. Technologies: Python/Django, jQuery   Implemented social feed back-end for a mathematics visualization site, using Django + redis on AWS.   Conference talks   "Beyond scraping: how to use machine learning when you're not sure where to start", SciPy, Austin, Texas.   "Beyond scraping: how to use machine learning when you're not sure where to start", PyCon, Cleveland, Ohio.   "Analyzing rap lyrics using Python", PyCon (This is my favorite talk; it was praised by many as the best talk that year, including organizers.)   "Using machine learning to extract the publication date of news articles online", PyData SF   "What I did on my summer vacation, or 'Attending Hacker School in NYC', Montreal Python User Group   "How Bangkok wakes up: what happens in Bangkok at 5, 6, 7 am", Pecha Kucha Tokyo   "Analyzing rap lyrics using Python", Strange Loop   "Analyzing rap lyrics using python", Montreal Python Users Group, lightning talk   "How Bangkok wakes up", documentary photography on what happens in Bangkok at 6,7,8 am, TEDxBKK   Other talks at PDX Python User's group, Barcamp Montreal and Barcamp Bangkok Education University of Waterloo - Waterloo, CA Bachelors degree in Mathematics in Mathematics Faculty of Mathematics hackathon for Jawbone Up, featured Hacker School - New York, NY Skills DJANGO (5 years), PYTHON (5 years), MACHINE LEARNING (2

years), REDIS (2 years), SCRAPING (5 years) Links https://github.com/almosteverywhere http://almosteverywhere.github.io Additional Information Technical Skills: Web: Python, Django, flask, AWS, Redshift, Redis, MySQL, PosgreSQL, JavaScript Data: Airflow, pandas Machine learning: NLTK, scikit-learn Scraping and natural language processing: lxml, Beautiful Soup, Pattern Payment processing: Stripe API, Adyen API Tools: git, pdb, Jupyter Notebook, Sublime

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