Joshua Malina

(305) 333-3255
Minneapolis, MN

joshuamalina@gmail.com
linkedin.com/in/joshmalina

I am a full stack web developer with a passion for data science, looking for full-time
positions in software development, modeling and analytics.

WEB DEVELOPMENT

Full Stack Developer, Founder   LaoshiList.com **/ Beijing**   **Aug 2013 - Nov 2015**
- Built a profitable web platform and business that connects foreign teachers with teaching jobs in China
- Manage day to day interaction with clients, teachers, business development
- AngularJS, Firebase, Node.js, NoSQL, PHP, MySQL, Git, AWS, EC2, S3

Front End Developer   **CRM Factory / Beijing**   **Nov 2014 – May 2015**
- SCRUM team member writing unit tested features and improvements to SaaS platform
- Collaborated with designers and back-end developers to create UI for image server
- AngularJS, HTML5, CSS3, Grunt, Gulp, Jasmine, Protractor

Product Manager   **European Union Film Festival / Beijing**   **July 2014 – Nov 2014**
- Oversaw team of front end developers for client facing film portal
- jQuery, HTML, CSS

DATA SCIENCE

Air pollution forecast   http://SmogApp.xyz   **May 2015 - Nov 2015**
- Developed random forest model from historical weather data to model future pollution values
- Cleaned, imputed, transformed data set collected from Wunderground API and US Embassy Beijing
- R, Python, Pandas, NumPy, iPython notebook, Scikit-learn, AWS, EC2, Flask, Angular, Mongodb

Analysis of air pollution   joshuamalina.com/assets/docs/Pollution.pdf   **Aug 2014 - Dec 2014**
- Described hourly movement of air pollution in 5 Chinese cities; derived optimal time for outdoor exposure
- Written about at Particle Counting blog, http://bit.ly/1LNsC8z;

OPEN SOURCE

Weather builder   github.com/joshmalina/pollution   **Fall 2015**
- Wrapper for compiling historical weather data from Wunderground API; iPython, pandas, numPy

EDUCATION

Independent Study   **Data Science Curriculum**   **May 2015 - Nov 2015**
- Machine Learning (Coursera), Probability (EdX); Linear Algebra, Multivariable Calculus (MIT Open Courseware); Learning from data (Caltech), Statistical learning (Stanford Online)

Master's Information Technology   **Harvard Extension**   **Sept. 2013 - Ongoing**
- Software engineering track; GPA: 3.6; Fundamentals of CS, Web Application Development, Discrete Math, Statistics, Algorithms and Data Structures; Web Protocols and Networking

Bachelor's Philosophy   **Washington University in St. Louis**   **Aug 2006 - May 2010**
- Focus in philosophy of science and ethics; GPA: 3.3

LANGUAGES

- **English** (native), **Chinese** (conversational), **Spanish** (familiar)