V I C T O R I A   M O

(949) 735 3908 | VM2355@COLUMBIA.EDU

EDUCATION

Columbia University, *New York, NY* | Expected Graduation: May 2013 *Spring 2012 – Present*
- Candidate for a Masters in Science in Computer Science – Machine Learning
- Coursework in Machine Learning (ML), Advanced ML, ML for Natural Language Processing, Distributed Data Mining, Operating Systems, Compilers (PLT), Databases, Computer Networks, Programming & Problem Solving, Data Science & Entrepreneurship

Hacker School, *New York, NY* *Summer 2012*
- Focused on web development, including the Django framework, Javascript, and network security
- Contributed to open source projects such as Requests and Django

Stanford University, *Stanford, CA* *Summer 2011*
- Coursework in Artificial Intelligence, Algorithms, and Programming Abstractions

University of California, San Diego, *La Jolla, CA* *Fall 2006 – Spring 2010*
- Bachelor of Arts in Mathematics – Applied Science; Minor in Biological Sciences

WEB PROJECTS

Nursery Smiles, *www.nurserysmiles.com* *Spring 2013 – Present*
- An Ipad, Iphone, and web application for nurseries to better record, manage, and share toddler data with parents.
- Self-developing the website **(Front-end, UI/UX, Back-end, Data Science)** with Node.js and Cassandra (currently self-learning).

Term Sheet Rater for Shake Legal, *www.shakev3.herokuapp.com* *Fall 2012 – Spring 2013*
- Using natural language processing techniques, automatically rate term sheets based on how they compare to the average.
- Self-developed the website **(Front-end, UI/UX, Back-end, Data Science)** using Python/Django and PostgreSQL.

Street Beacon, *www.street-beacon.com* *Winter 2013*
- Designed and prototyped a payphone **(Front-end, UI/UX)** with team InSITE for the NYC Reinvent Payphones Design Challenge.
- Won awards from Adafruit, Mashery, and TokBox at the Payphone Hack Day; placed in the top 20 of hundreds of submissions.

hapStream, *http://videos.huffingtonpost.com/entertainment/hapstream-517375008* *Winter 2012*
- Developed an Android application **(UI/UX, Back-end)** that streams videos of clubs for the Techcrunch Disrupt NY Hackathon.
- Won as a team the $10,000 Mobli award at the hackathon.

PinShop, *https://chrome.google.com/webstore/search/pinshop* *Winter 2012*
- Self-developed a chrome extension that labels all purchasable items on Pinterest.

WORK EXPERIENCE

McCann Investigations, *www.einvestigations.com*
SEO Consultant (try searching Google for "houston computer forensics") *Fall 2011 – Spring 2012*
- Managed the website and the Google AdWords, Facebook Ads, and LinkedIn Ads accounts to attract fresh traffic.
- Optimized the organic search ranking to Google's 1st page by writing white papers and by communicating with news outlets.

Mo Fund Management, *Irvine, CA*
Trading Assistant, Programmer *Summer 2010 – Fall 2011*
- Collaborated daily with the trader to develop statistical models in R for trading commodity futures in China's markets.
- Built the trader interface in Visual Basic and Microsoft Excel for streamlined accessibility to up-to-the-minute data and analyses.
- Aided the trader in managing over 100 million RMB ($15.6 million) and in performing time-sensitive analyses under pressure.

ACTIVITIES

InSITE Fellow *Winter 2012 – Present*
- InSITE is an entrepreneurial mentorship program that brings together top graduate students to support New York entrepreneurs in developing their businesses and in pursuing venture capital and angel investments.
- **Shake Legal (Fall 2012 – Spring 2013):** Built the term sheet rater mentioned in WEB PROJECTS above.
- **AOL Ventures QLabs (Spring 2012):**
  - Consulted in the product development of When, a family social network.
  - Researched the competitive landscape and financial potential of multiple tech startup ideas to judge their viability.

Women's Epee Fencer *Fall 2006 – Present*
- Placed 2nd at the 2011 Division 1A Summer Nationals in San Jose.
- Represented the United States of America in the Doha Grand Prix (Qatar, 2011) and Leipzig World Cup (Germany, 2011).
- Represented UC San Diego at the 2010 NCAA National Championships at Harvard University.

PUBLICATIONS AND OTHER AWARDS

- 2011 Women's Epee USA National Finalist
- 2006-2011 Orange Coast Division Women's Epee Champion.
- Zhao, J., Mo, V., Nagasaki, T. (February 2009) *Distribution of Label-retaining Cells in the Limbal Epithelium of a Mouse Eye.* Journal of Histochemistry and Cytochemistry.

SKILLS AND INTERESTS

- ***What I feel comfortable saying I'm good at:*** Python, Web-Scraping, UI/UX, Data/Machine Learning.
- ***What I most enjoy working on:*** UI/UX, Data/Machine Learning problems.
- ***Problems that most interest me:*** Hard people problems. Creating more opportunities for those without access through education and accessibility, promoting meaningful interactions and community-building, encouraging physical/mental awareness, and simplifying complicated data for the public. Also, languages and machine translation fascinate me.
- Familiar with C, C++, Java, R, Matlab/Octave, Javascript, CSS, Django, SQL, command line.
- Conversational in Spanish, Mandarin Chinese, and Cantonese Chinese; basic proficiency in French.
- Interests include Fencing, Meditation, Skiing, Tennis, Rock-climbing, Traveling, Languages, and Yoga.