ALAN HAU, FRM

243-253 Livingston Street, Apt 4A7C, Brooklyn, NY
773-612-9177 wch82@cornell.edu

Education	**CORNELL TECH**	**New York, NY**

Master of Engineering in Computer Science, May 2015
Cumulative GPA: 3.76/4.00
Member, Healthcare and Medicine software group

UNIVERSITY OF CHICAGO   **Chicago, IL**

BS Biochemistry, BA Chemistry and Economics, June 2008
Dean's list 2004-2007
Vice President of Chinese Undergraduate Students Association

Projects **JPMorgan Chase: Keyword Extraction API for Analyst Reports to Improve Search Experience**
- Built and hosted an internal API using Python/Flask/NLTK that searches for important keywords based on popular search terms

CarePigeon: Platform for Physicians to Collect and Document Patient Informed Consent to Lower Risk of Liability
- Developed responsive front and backend of product using Django and took product from concept to market

Experience **FIRST CODE ACADEMY**   **Hong Kong, China**
2013-2014 *Lead Curriculum Advisor*
Pioneered computer science education for students in grades K-12 using open source platforms and languages. Continuously developed new curriculum for teachers and students
- Redefined the industry landscape by showcasing apps built by our youngest students, garnering multiple press articles and interviews
- Led 2 teams of students to compete in MIT's App Inventor Summit
- Established programs in more than half of all international schools and taught over 300 students
- Presented papers in education conferences to showcase and advocate technology use in classrooms

2009-2012 **NIRVANA SOLUTIONS**   **New York, NY**
Product Manager
- Developed portfolio monitoring solutions to shorten hedge funds' response to risk breaches from T+1 to real-time
- Reduced 10% workload across teams by automating portfolio allocation and trade file submission tasks
- Developed customized tools to satisfy client reporting requirements thus locking in over 30% of company sales

2008-2009 **MORNINGSTAR, INC**   **Chicago, IL**
Quality Assurance Analyst
- Trained frontline support personnel to classify software bugs from calculation errors to reduce QA team workload by 10%.
- Bridged communication gap between project managers, data and software teams and shortened response times from weeks to days

Skills/ Awards
- Native English, Cantonese (Chinese)
- FRM (Financial Risk Manager) designation
- MS Office, MS SQL, MySQL, MongoDB, ElasticSearch, SSRS 2.0, VBA, VB.NET, HTML5/CSS, UNIX (Debian), REST API, Python, NLTK, Django