TINA ZHANG

Email: tina.zhang14@imperial.ac.uk

EDUCATION

2014 - Present: MSc Computing Science, Imperial College London

- Awarded Departmental Scholarship (based on academic merit)
- Modules include Algorithms, Computer Networks and Distributed Systems, Computer Architecture, Concurrent Programming, Databases, Logic and AI Programming with Prolog, Object Oriented Programming with C++ and Operating Systems.
- Group Project Group Leader: Paralinguistic Speech Assessment using Data-mining and Machine Learning. Also created a GUI visualization tool.
- Individual Project: Contracts in the Bitcoin Blockchain

2011: Became a Chartered Financial Analyst (CFA) Charterholder, (equivalent to a Masters degree in Finance), passed all 3 Levels at the first attempt

2007: Graduated from Queens' College, Cambridge University

- *MA (Hons) Economics, 1st Class*
- Received a First in all 3 years of Undergraduate study
- Graduated in the top 3% of 120 Economics students
- Awards received: College Exhibition Prize, Queens' College Venn Prize (awarded for academic achievement, out of 160 students), Queens' College Economics Prize

2004: Wolverhampton Girls' High School

- A-levels: Maths (A), Economics (A), Geography (A), General Studies (A). AS-levels: Further Maths (A), Physics (A), Chinese (A). 9.5 GCSEs all at A*

WORK EXPERIENCE

Sep 2007 – Present *Vice President*, **European Credit Strategy, J.P. Morgan London**

- Senior researcher, responsible for publishing original, timely and influential articles on European Credit markets, for both internal clients (J.P. Morgan Sales, Trading and other departments) and external clients (Asset Managers, Hedge Funds, other market participants).
- One of the top 10% of Associates to receive accelerated promotion to Vice President in January 2012, after successively receiving the highest ranking in evaluation committees every year since joining the firm.
- 2010-2011, Co-chaired J.P.Morgan's Analyst and Associate Council, heading up a team of 10 Analysts and Associates chosen to represent the interests of J.P. Morgan's EMEA Analyst and Associate population to a Senior Development Council.
- Selected by J.P.Morgan's Diversity Council as part of a team of 3 analysts to provide insight and improve the firm's UK graduate and intern recruitment strategy using data analysis.
- Key contributor to and product owner of several flagship publications, in a team that has won numerous industry awards (Institutional Investor, Credit Magazine, Risk Awards).
- Organised and presented at roadshows and client meetings for the firm's priority clients across Europe (including the firm's signature semi-annual events).
- Specialist technical topics include Algorithmic trading strategies, Corporate Hybrids, New Issuance dynamics in European bonds and loans, Fund flows, Credit versus Equity.
- Developed profitable trade recommendations, analytical models and published on innovative ideas for the Euro and Sterling High Grade and High Yield cash and credit derivatives markets.

Jul 2006 – Sep 2006   *Intern*, European Fixed Income Research, J.P. Morgan London

- Worked on the team's flagship publications and periodicals, developing thematic pieces on the European Government Bond, Swaps and Inflation-linked markets

TECH COMMUNITY PARTICIPATION

- **Languages**: C++, Python, Java, SQL, working knowledge of HTML, CSS and Javascript
- **Conference attendance:**

  Google DevFest, London Nov 2014,

  Dev Cycles, Cambridge Jan 2015,

  Sponsored participant of PyCon, Montreal Apr 2015

- **Hackathons**:

  Codess International Women's Hackathon Oct 2014: Climate Change Data Challenge for the Nature Conservancy. Created a web app to visualise the forecasted evolution of rainfall and temperature by country and continent in 10 hours using Python and Google Charts.

  Hasbro Play/Hack Oct 2014: Category Winner: created a prototype of an online game aimed at girls with Science, Technology, Engineering and Maths themes, using Google Maps API and Kinetic JS.

  BAE Systems Capture the Flag Jan 2015: Key contributor in small team of fellow MSc students after 1 term of studying, competing against larger teams of $3^{rd}/4^{th}$ year Computer Science students: placed 5th out of 16

  Building Better Tools With Python, Feb 2015: Winning team: created an enhancement to Python nosetests that colour codes stack trace to highlight errors emanating from the user's code versus code from standard libraries. Now available as a pip install.

- **GitHub account**: ttz21

  - Portfolio includes personal projects I built to develop my programming skills, hackathon projects and contribution to the TechHub.london website

- "**Meetup**" groups

  - Python: PyLadies, London Python Dojo

  - Front-end development: Codebar

  - General: Google Campus events, Imperial ACM Student Chapter, Women Who Code

- **Blogs**:

  - londonnewbgirl.blogspot.com; a blog about transitioning from a career in finance to programming

  - chicatouristina.wordpress.com; a photo blog of my travels

ADDITIONAL SKILLS

- Languages: Chinese (native speaker)
- Advanced user of Excel, Powerpoint, Word, Bloomberg

OTHER INTERESTS

- Badminton: ranked in the top 100 for Mixed Doubles in England, Secretary and Ladies captain at Finsbury Badminton Club, Imperial College BUCS 1st team member.

- International Solibad Tournament Organising Committee Member 2013-2015 (annual two-day badminton tournament for over 100 players, in aid of international badminton charity, Solibad).

- Squash (Imperials BUCS 1st team), Yoga, Scuba Diving, Travelling, Cooking