

MEI Qinggao (Robin)

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EDUCATION	The University of Hong Kong (HKU) Sep 2013 - Dec 2016 – <i>Master of Philosophy (MPhil), Electrical and Electronic Engineering</i> Huazhong University of Science and Technology (HUST) Sep 2009 - Jun 2013 – <i>Bachelor of Engineering (BEng), Electronic Science and Technology</i> – GPA: 90.37/100
PROJECT EXPERIENCE	Developing Algorithms for Simulation in Java, HKU Sep 2013 - May 2016 <ul style="list-style-type: none">• Took charge of the project: fast transient Electro-Thermal (EM) co-simulation funded by Hong Kong General Research Fund (GRF)• Proposed an innovative numerical algorithm (Matrix Exponential) to speedup EM simulation• Submitted 1 paper to influential journal (TCAD), 2 conference papers, and presented research work at top conference DAC in San Francisco, US Computational Material Design, HUST Jun 2012 - Jun 2013 <ul style="list-style-type: none">• Creatively investigated the mechanisms and properties of oxygen-driven unzipping of carbon nanotubes into new material graphene under electric field• Academic paper, “External Electric Field Induced Oxygen-driven Unzipping of Carbon Nanotubes”, won the First Prize of 2013 College Students Research in Hubei, China and Best Paper at the 11th undergraduate academic forum of HUST
INTERNSHIP EXPERIENCE	Morgan Stanley, Hong Kong Jun 2016 - Aug 2016 <i>Application Developer Intern, in FX Trading Systems Team</i> <ul style="list-style-type: none">• Took charge of the development of data (Profit & Loss) visualization in test-driven environment• Responsible for server-side (Java) development and PnL calculation based on CQRS pattern and event sourcing in server• Draw PnL graph from scratch for client-side (C#/WPF) development, and be able to analyse reasons of PnL jump according to traders’ need
SKILLS	Computer skills: Java, C++/C#, WPF, Python, Matlab, Algorithm Financial Qualifications: CFA Level II Candidate Languages: English (Fluent), Mandarin (Native), Cantonese (Basic)
HONORS & AWARDS	Postgraduate Scholarship, HKU (14350HKD/month) Since Sep 2013 CodeIT Swiss Coding Competition, Second Place Oct 2014 Outstanding Graduate, HUST Jun 2013 Merit Student, HUST (5/196) Oct 2012
EXTRA-CURRICULAR & ACTIVITIES	Postgraduate Student Association (PGSA), HKU Jun 2014 - Jun 2015 <i>IT officer, member of standing committee</i> <ul style="list-style-type: none">• Leading: Led PGSA’s IT team and responsible for the maintenance of PGSA’s official website and trying to create a better web experience for HKU students• Responsibility: Took in charge of news updating and events promotion on Weibo, Facebook and WeChat• Communication: Communicate with different offices and provided technical support based on feedback