**Xu Hengjie**

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***Education***

***Nanyang Technological University Aug 2013 – May 2017***

***Bachelor of Engineering (Electrical & Electronic Engineering)***

***First Class Honours (Expected); Current CGPA: 4.97/5.0***

* Dean’s List from 2013-16; NTU Class of 1985 Scholarship; Lam Research Scholarship
* Achieved ***Distinction*** for (1) Business Finance and (2) Accounting (3) Economics
* Coursera Certificates: (1) Financial Engineering and Risk Management (2) Machine Learning

***École Polytechnique Fédérale de Lausanne (EPFL), Switzerland***

***Exchange Programme (Semester GPA: 5.59/6, Category: Excellent) Feb 2015 – Jul 2015***

* Accomplished a System on Chip (SoC) in VHDL and C Programming with no prior knowledge

***Working Experience / Internships***

***Nomura: Sales and Trading Summer Analyst Jun 2016 – Aug 2016***

* Pinpointed 3 of 20 regional fund clients with $58 billion actionable assets as sales outlook presented to APAC Markets Head; drafted clients’ rates and foreign exchange trade ideas.
* Created a macro business pitch book and an economic outlook for APAC client outreach; interacted with various executives and stakeholders, covered 17 major types of products
* Forecasted the fair value of an actively traded Indian firm’s bond through financial models.

***Credit Suisse: Technology Summer Analyst May 2015 – Jul 2015***

* Applied initiative and created dashboard in Tableau to smoothen project management.
* Achieved 60% of time reduction by developing three automation tools for data operations.
* Achieved a strong foundation and knowledge in Private Banking and Global Markets through focused communication with 20 Directors and VPs across the bank.

***Autodesk Inc.: Software Automation Intern Jan 2015 – May 2015***

* Successfully reduced the number of failed test cases from over 200 to less than 10 for Vault.
* Elected Team Master for 5 interns; applied teamwork & judgment to prioritize assignments.
* Challenged to spearhead new testing scheme in collaboration with the US Team; developed 40 test cases within the new scheme; honed time management skills and cultural sensitivities.

***Leadership Activities***

***Institution of Engineering and Technology, NTU Aug 2015 – Jun 2016***

* ***Financial Controller*** of 13th Management Committee and ***Chairperson*** for Special Projects

***Bloomberg Summer Intern Challenge May 2014 – Jul 2014***

* Scored ***92 percentile*** and was invited to Headquarter in Hong Kong for a networking session.
* Bloomberg Market Concept (BMC) Certificate holder

***Research and Innovation***

***President Research Scholars with Distinction Aug 2014-Aug 2015***

* Project: Privacy-Preserving k-Nearest Neighbor Algorithm for Data Classification
* Devised a viable solution of integrating Paillier Encryption Scheme into kNN Algorithm.
* The results indicate that both efficiency of classification and privacy of data are augmented.

***IT Skills***

* Programming Experience (C, Java, R, C#, Matlab, HTML, CSS, Python, Microsoft Office)