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| A person wearing glasses and smiling at the camera  Description automatically generated  **CONTACT**  **Address:**  559 Choa Chu Kang North 6 #11-66 Singapore 680559  **Phone:**  87492641  **Email:**  hosh0023@e.ntu.edu.sg  **LinkedIn:**  www.linkedin.com/in/xavier-ho-  **Website:**  xavierho.github.io  **ABOUT ME**  I am constantly working on self-improvement, learning new skills, and venturing deeper into the world of business analytics and computer science.  Audeat-est-facere, or in English, To Dare is To Do, is the motto of my favourite football club, Tottenham Hotspur. It embodies the essence of fighting spirit, to not just do it, but to do it and not stop and try harder. It is about giving your 100% in everything you do, and hold the belief that hard work will always bring forth accomplishments. And even then, the journey itself is satisfaction.  **LANGUAGES**  **Written & Spoken:**  English  Mandarin  Korean  **SKILLS**  **Programming Experience:** Java, Python, C, C#  mySQ, noSQL (mongoDB), Hadoop  HTML5, CSS, JavaScript, PHP, Django  Keras, R  **Programming Skills:** Machine Learning  Software Engineering  Data Analytics  Sentiment Analysis  Web Scraping  Web App Development  Mobile App Development  **Software Skills:**  Adobe Illustrator  Adobe Photoshop  Affinity Designer  Final Cut Pro X  Android Studio  RStudio  Unity  Unity 3D  **INTERESTS**  Travelling  Graphic Designing  Basketball  Swimming  Football  Running | **HO SHU PENG XAVIER**  **EDUCATION**  **Bachelor in Business Analytics and Computer Science (Honours)**  Nanyang Business School, NTU, Singapore / Aug 2018 to Present  Expected completion of degree: June 2022  On target for 1st Class Honours; Current GPA 4.52/5.0  **GCE ‘A’ Level Certificate**  Hwa Chong Junior College / 2014 - 2015  Rank Point: 88.75/90  **WORK EXPERIENCE**  **Data Analytics Intern**  Seagate Singapore Int’l HQ Pte Ltd / May 2020 – Jul 2020  Implemented visualization tools for yield tracking and identifying causes affecting manufacturing efficiency. Developed software with various APIs to extract and write back millions of data to Hadoop and other automation functionalities. Identified causes affecting yields using analytical tools and increased yields from 88% to 93%.  **Full Stack Web Developer**  BDO LLP / Nov 2019 – Jan 2020  Developed a tax automation web application platform; automated processes such as tax computation and tax narrative using rule-based system; implemented web crawling with beautiful soup to perform analytics; deployed platform with Django, Python, CSS, JavaScript, HTML5.  **Main Instructor**  Nullspace Group /Dec 2017 – Oct 2018  Conducted lessons in Python, LEGO Robotics EV3, micro:bit, Arduino and WeDo; taught, handled, and engaged classes of up to 40 students (ages 5 to 17). MOE-Certified Main Instructor.  **Freelance Designer**  FXVDesigns / April 2018 – Sept 2018  Competented in graphic designing in software such as Illustrator, Photoshop and Affinity Designer; worked with Gong Cha Singapore to implement self-service kiosk software; helped to shape the overall branding of Thinker’s Lodge.  **In-House Training Executive**  KIDSCODE Pte Ltd/ Feb 2018 – Jun 2018  Designed 5 education curriculum content using platforms such as micro:bit, Unity 3D, Scratch 3.0; implemented web design for local competition; implemented graphic design for posters and brochures; Organized and conducted tours for students attending KidsCode Spring Camp.  **CCA / COMMUNITY SERVICES**  **Subcommittee member**  NTU Computer Science and Engineering Club Aug 2018 – Present  Generated business ideas as part of the business committee to raise funds; involved in marketing and selling of inventory  **Executive Committee Member**  Team Ardor/ 2017  Spearheaded incubator programme. Worked as a graphic designer for marketing and publicity team to publicize initiative.  **Lead Designer**  HCJC Guitar Ensemble/ 2014 - 2015  Designed various publications such as banners and posters for annual concerts and performances to garner hype; Increased publicity as measured by the sell-out of the tickets.  **Treasurer**  HeartCore Citi-YMCA, Organizing Team of HeartCore / 2014 - 2015  Raised awareness for The Little Arts Academy; organized baking activities; raised funds through flag day & sold hand-crafted merchandise.  **Executive Committee Member, Treasurer**  Hwa Chong Robotics Club / 2013 - 2014  Manage funds of the student-run club, including expenditures from quarterly purchases of inventory. Tabulated quarterly statements on inflow and outflow of cash.  **AWARDS**  **Nanyang College Scholarship** / 2018 - Present  **Citibank Singapore Virtual Hackathon** / 2020  Top 4 Finalist  **CleanTech Challenge** / 2020  Singapore Finalist  **Accounting Innovation Challenge** /2019  Top 4 Finalist  **Crypto.com Case Competition** /2019  Certificate of Participation  **Shopee I’m The Best Coder Challenge** / 2019  Certificate of Participation  **Hwa Chong Diploma** /2015  Recognized by Hwa Chong for outstanding results & consistent performance.  **Hwa Chong Robotics Club** 2010 – 2014  VEX Robotics Competition Team Alliance Gold Award / 2013  FIRST Lego League Competition Champions / 2013  FIRST Open European Championships Overall 10th / 2012  FIRST Lego League Competition First Runner-Up / 2012  National Junior Robotics Competition Championship Award / 2011 |