

ChiaTse, Kuo

(+886) 975-766-883 chiatskuo2-c@my.cityu.edu.hk | jonathan.kuo33@gmail.com

EDUCATION	City University of Hong Kong, class of 2021, Bachelor of Science in Computer Science
KEY SKILLS	<p>Programming languages & frameworks</p> <ul style="list-style-type: none">• Python, Node.JS, JavaScript, Java, C++, C, HTML, CSS,• TensorFlow (Keras), React <p>Database Management</p> <ul style="list-style-type: none">• MongoDB <p>Tools</p> <ul style="list-style-type: none">• MS Visual Studio Code, Eclipse, JUnit Testing, Postman, Docker, Inkscape
EMPLOYMENT	<p>Siemens Ltd HK, 07/2019 - 03/2020 (9 months)</p> <p>Full time Intern - MindSphere Application Center</p> <p><i>Achievements</i></p> <ul style="list-style-type: none">• Developed scalable software platforms for IoT solutions including Smart Office and Smart City projects by Siemens MindSphere IoT Operating System (Node.js, MongoDB, Docker, Angular).• Maintain current on-site service on a weekly basis in collaboration with our IT team.• Design 2D and 3D SVG layout for indoor smart office mapping.
Projects	<ul style="list-style-type: none">• Artificial Intelligence for Classical Music composition in different eras<ul style="list-style-type: none">■ Design and evaluate Bi-LSTM and GAN in music composition• Genetic Algorithm to classify diabetes instances• Parallel computing to classify galaxy images (Galaxy10 dataset)<ul style="list-style-type: none">■ With Ridge Regression, SVM and CNN• Boid Algorithm<ul style="list-style-type: none">■ Visualization of artificial life simulation on flocking behavior of birds.• npm package - parsetext2json<ul style="list-style-type: none">■ The package parses any .txt file to a word-count dictionary
AWARD & EVENTS	<ul style="list-style-type: none">• Platinum Award at 2016 Int'l Cyber Fair - leader of web development and data analysis.• Invited as Partner at 2019 RISE conference in HK.• City University of Hong Kong Machine Learning Hackathon.

**PERSONAL
STATEMENT**

My past role at Siemens has allowed me to be fully engaged with experience of IoT and cloud solutions, full stack programming and programming management. I believe with prior experience and practice, I could be a helpful assistance to your organization.

With keen interest in information technology, I always try my utmost to keep up with the latest IT trend to learn innovative ideas. In addition, as an international student in HK, I quickly adapt to the new environment and it is always a great joy collaborating with people around the world. As an intern in HK, I learned quickly and effectively from other senior software engineers and applied knowledge from class into real world scenarios. I look forward to an opportunity to learn and contribute as a reliable and productive team member in your esteemed organization.