

# ChiaTse, Kuo

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EDUCATION	City University of Hong Kong, class of 2021, Bachelor of Science in Computer Science - AI & Data Science stream
KEY SKILLS	<p>Skills</p> <ul style="list-style-type: none"><li>• Python/Django, JavaScript/ HTML/ CSS/ Node.JS, Java, C++, MongoDB, TensorFlow (Keras), Unix/Linux, Windows Environment, REST API, Docker, MS VS Code, JUnit Testing, Postman, Inkscape</li><li>• Data structures, machine learning, data analysis, API development.</li></ul>
EMPLOYMENT	<p><b>Siemens Ltd HK, 07/2019 - 03/2020 (9 months)</b></p> <p>Full time Intern - MindSphere Application Center</p> <p><i>Achievements</i></p> <ul style="list-style-type: none"><li>• Developed scalable software platforms for IoT solutions including Smart Office and Smart City projects by Siemens MindSphere IoT Operating System (Node.js, Java, MongoDB, Docker, Angular).</li><li>• Maintained the backend services of wind turbine and solar panel devices in collaboration with our IT team.</li><li>• Designed 2D and 3D SVG layout for indoor smart office mapping.</li></ul>
Projects	<ul style="list-style-type: none"><li>• AI Classical Music Composition with Bi-LSTM and GAN model.</li><li>• Genetic Algorithm to classify diabetes instances.</li><li>• Parallel computing to classify galaxy images using Ridge Regression, SVM, and CNN.</li><li>• Design Boid Algorithm to visualization artificial life simulation on flocking behavior of birds.</li><li>• npm package - parsetext2json</li></ul>
AWARD & EVENTS	<ul style="list-style-type: none"><li>• Platinum Award at 2016 Int'l Cyber Fair - leader of web development and data analysis.</li><li>• Assisted in curating the 2019 RISE conference for Siemens in HK.</li><li>• City University of Hong Kong Machine Learning Hackathons.</li></ul>
PERSONAL STATEMENT	<p>My past role at Siemens has allowed me to be fully engaged with experience of IoT and cloud solutions, full stack programming and project management. I believe with prior experience and practice, I could be a helpful assistance to your organization.</p> <p>With keen interest in information technology, I always try my utmost to keep</p>

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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.