

## NG Chak Ming

Mobile: 6163 5919

Email: ivan0313@connect.hku.hk

<b>Education</b>	<b>The University of Hong Kong</b> Sep 2018 – Dec 2022 (Expected) BSc in Actuarial Science GPA: 3.41 2 <sup>nd</sup> Major in Computer Science  <b>HKMA David Li Kwok Po Collage (DLKP)</b> Sep 2012 – Jun 2018 <ul style="list-style-type: none"><li>Hong Kong Diploma of Secondary Education</li><li>5** (Mathematics Extended Module 2); 5* (Mathematics and Physics)</li></ul>
<b>Experience</b>	<b>Software Engineer Intern, Bowtie Life Insurance Company Limited</b> Sep 2021 – Mar 2022 <ul style="list-style-type: none"><li>Full stack web development. Developed the buy insurance application flow. <a href="https://app.bowtie.com.hk/#/zh-hk/apply/new/?product_ids=vhis-standard">https://app.bowtie.com.hk/#/zh-hk/apply/new/?product_ids=vhis-standard</a></li><li>Implemented feature flag mechanism, and various features on both client facing and internal web applications.</li></ul> <b>Data Analyst Intern, Graphen HK</b> Jun 2021 – Aug 2021 <ul style="list-style-type: none"><li>Prepared and trained sentiment machine learning model, as well as using open sourced pretrained NLP models for NER and sentiment analysis.</li><li>Full stack web development of news recommendation system from scratch, building React front-end, python Flask backend with RMDB.</li><li>Planned and implemented the data architecture and implemented automated pipelines to extract, clean and store news and financial data.</li></ul> <b>Actuarial Intern, Prudential Corporation Asia</b> Jun 2020 – Jan 2021 <ul style="list-style-type: none"><li>Optimized python-based asset return model, reducing run time by 50%.</li><li>Optimized and automated a core reporting process, reducing run time by 30-60%.</li></ul> <b>Summer Intern, Sun Life Hong Kong</b> May 2019 – Aug 2019 <ul style="list-style-type: none"><li>Automated monthly multiple reporting process.</li></ul>
<b>Project</b>	<b>Facial Recognition System</b> - <a href="https://github.com/ivan0313/Facial-Recognition-Database-Management-System">https://github.com/ivan0313/Facial-Recognition-Database-Management-System</a> <ul style="list-style-type: none"><li>Python, Flask, React.js, SQLite, GraphQL.</li></ul>
<b>Skills &amp; Language</b>	Python: Flask, Django, Selenium, Pandas, NumPy, SQLAlchemy, PyTorch Database: PostgreSQL, MySQL, SQLite, Firebase Web: JavaScript, TypeScript, React.js, Vue.js, HTML, CSS Other Skills: Excel VBA (Advanced), Bloomberg (basic), C++ (basic), R (basic) Language: Cantonese (Native), English (Fluent), Mandarin (Intermediate)