

## EDUCATION

<b>The Chinese University of Hong Kong</b>	<b>N.T., Hong Kong</b>	<b>Sept 2020 – Jul 2024 (Expected)</b>
<ul style="list-style-type: none"><li>• <b>B.Sc. in Computer Science (Expected Stream: Intelligence Science), cGPA: 3.49/4.00</b></li><li>• <b>Coursework:</b> Data structures and Algorithms Design, Design and Analysis of Algorithms, Computer Organization and Design, Operating Systems, Object-Oriented Design and Development, Database Systems, Software Engineering, Principles of Programming Languages, Fundamentals of AI</li><li>• <b>IELTS Test result: 7.0 Overall Band</b></li></ul>		

## WORK EXPERIENCE

<b>Research Internship / Student Helper</b>	<b>CURE Lab CUHK</b>	<b>June 2022 - Dec 2022</b>
<ul style="list-style-type: none"><li>• Enhancing the performance of Lab's models by reducing redundant computation by introducing state-of-the-art neural network's code</li><li>• Involving in developing a universal benchmark project for Deep Learning -Based Time Series Analysis and Forecasting</li><li>• Researched several state-of-the-art time series forecasting models, evaluated their code quality by running code on self-created platforms using PyTorch, tracked the errors, and fixed bugs</li><li>• Helped revise Lab's implemented model, SCINet, improving its accuracy by 10% and efficiency by 30%</li><li>• Summarized works with a formal 10-page report and made 30-minute presentation to faculty project directors.</li></ul>		
<b>Research Assistant</b>	<b>Hong Kong Logistics Robotics Centre</b>	<b>May 2021 – Sept 2021</b>
<ul style="list-style-type: none"><li>• Manipulated robots, observed status and signals, and reported bugs to directors</li><li>• Tested driver program, debugged the code using ArcGIS to improve the positioning accuracy of robots</li><li>• Proactively created a C++ program to automate the creation of the machine learning data which reduced manual work by estimated ten days</li></ul>		

## PROJECTS AND CONTESTS

<b>Academic Projects</b>
<ul style="list-style-type: none"><li>• <b>Twitter-Clone application (Jan 2023 – Apr 2023):</b> Worked with a team of five, served as project manager, and developed a twitter-clone application that can tweet, re-tweet, like/dislike, comment, and so on. Including innovative functions like anonymous tweets. Responsible for back-end &amp; front-end developing, debugging, and documentation writing, final presentation.</li><li>• <b>DeepCI (Dec 2022 - Feb 2023):</b> Programming Pytorch code for a potential EC2023 conference Paper DeepCI.</li><li>• <b>Linux File System:</b> Implemented a simple file system (code), which observes ext3/4 file system attributes, and is capable of basic file read/write.</li><li>• <b>CURE Lab CUHK (Jun 2022 – Sept 2022):</b> Programming Pytorch code for an integrated platform for time-series forecasting AI (code)</li></ul>
<b>Competition</b>
<ul style="list-style-type: none"><li>• <b>ESTR2102 Programming Contest (Mar 2022):</b> Took a data structure and algorithm design Programming Competition with ACM system adopting C language, solving 60% of problems and ranking in the top 20% among a batch of 100 participants</li></ul>

## AWARDS AND HONORS

<ul style="list-style-type: none"><li>• <b>ELITE Scholarship in academic year 2021/2022 (Sept 2022)</b> Attained outstanding academic performance in Faculty of Engineering, fulfilled strict GPA and CGPA requirements(3.7/3.5), and participated in two required academic activities. (Details)</li><li>• <b>Honors at Entrance, the Chinese University of Hong Kong (Sept 2020)</b> Gained outstanding academic achievements on admission to the Chinese University of Hong Kong</li></ul>
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## SKILLS AND LANGUAGES

<ul style="list-style-type: none"><li>• <b>Programming Language:</b> Java, Node.js, C, Python, PyTorch, SQL, RISC-V Assembly Language, Perl, Prolog, SML</li><li>• <b>Technologies:</b> Bootstrap, Git, Linux, Vim</li><li>• <b>Software:</b> Microsoft Office, Solidworks, ArcGIS, IBM SPSS, Adobe PS/PR</li><li>• <b>Spoken Language:</b> Mandarin (Native speaker), English (Fluent), Cantonese (Proficient), Hokkien (Conversant)</li></ul>
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