

Aayush Shrestha

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Education

Hong Kong University of Science and Technology, <i>BEng in Computer Engineer.</i> (Second Class Honours Division I)	Aug 2017 – May 2021
West Island School (International Baccalaureate)	Aug 2010 – May 2017

Working Experience

Anchor Point (IT consulting) <i>Programmer</i> <ul style="list-style-type: none">Maintained and consistently updated a mobile application using swift.Organised and updated the server database through SQL and terminal.Created an application from scratch using React Native to be published through Google Play Store and the App store.	Apr 2019- Sep 2019
SkyMont Capital (Investment Management in private equity real estate) <i>Programmer Analyst</i> <ul style="list-style-type: none">Assist in developing and deploying web applications using Agile methodology.Conduct market & industry research across property sectors and PropTech space.	Feb 2021 - Present
First Code Academy <i>Instructor</i> <ul style="list-style-type: none">Assisted full-time instructors in Project-Based learning methods.Instructed 20+ students in web programming and hardware programming (Arduino).	Mar 2019- Jun 2019

Projects

Few-Shots Realistic Head Model Video Generation Using Text through machine learning <ul style="list-style-type: none">Developing a project that converts text, face landmarks and a target voice into a realistic and personalized talking head model through machine learning.Currently, received A+'s throughout the progress of the project, and projected to aim for HKUST President's Cup award.	Jul 2020– Present
Chat Room <ul style="list-style-type: none">Created a chat engine using JavaScript, AJAX, HTML forms and event handling.Used PHP to managing dynamic content and databases for the website.	Nov 2020 – Dec 2020
Full Stack MERN Web applications <ul style="list-style-type: none">Developed a web application, where users can share, edit, like and delete posts.Currently developing an E-commerce web application with extended features used by Amazon.Used MongoDB, Express, React and Node.js for Frontend and Backend development.	Jan 2021 – Feb 2021
Reviso <ul style="list-style-type: none">Provided a mobile platform for students to create their own problem sets, each focusing on a specific topic.Created a central server for storing/retrieving sets with an incorporated grading system.	March 2021 – Present
Tower Defence Project <ul style="list-style-type: none">Produced a Tower Defence Game with a user-friendly GUI.Coded in Java and includes various monsters and towers.	Sep 2019 – Nov 2019

Technical Skills: Java, JavaScript, jQuery, React, Swift, SVG, PHP, HTML, CSS, C++, MongoDB, React, MySQL, SQLite, Node.js, Python, App deployment