Gia Linh Nguyen

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PROJECTS AND TECHNICAL SKILLS

Programming languages: Python/Java (proficient), JS/SQL/C/C++ (some experience)
- **Frameworks and Tools**: Git, HTML, CSS, Flask, Bootstrap, React (minor experience)

Personal Website – blog and sorting visualiser (https://github.com/Linh012/linh012.github.io)
- Developed using HTML, CSS, and JavaScript
- Newly started personal blog focused on technology, bootstrapped using Hugo and GitHub Pages
- Live demo of sorting algorithms visualiser using React and JS
  (https://github.com/Linh012/sorting-visualiser)

Portfolio Tracker – Web Application (https://github.com/Linh012/portfolio-tracker)
- Web application powered by Flask, Bootstrap and Python
- Data management between Python and SQLite using SQLAlchemy
- Real-time data retrieved from Yahoo! Finance API which is processed and visualised using Bokeh
- Has a login/registration system that also implements Google's reCAPTCHA and CSRF tokens

Twitter Video Downloader – Chrome extension (https://github.com/Linh012/twitter-video-downloader)
- Chrome add-on that allows users to download Twitter videos/gifs using a single click of a button
- Developed using JavaScript and utilises Twitter API to fetch media. Dynamically identifies tweets that contain videos/gifs and injects buttons to those tweets.

EDUCATION

2021 - [Expected Graduation Date: 2024]

University of Warwick, Computer Science BSc (Hons)
- **Relevant modules**: Programming for Computer Scientists, Mathematics for Computer Scientists I/II, Computer Organisations and Architecture, Design of Information Structures, Web Development Technologies, Functional Programming
- On track for First class
- **Societies**: Computing Society, Warwick Maths Society, Warwick Finance Society

2015 - 2021

The English College in Prague, International Baccalaureate Diploma Programme **(42/45 IB points)**
- **Relevant subjects**: Higher Level Computer Science (7/7), Higher Level Mathematics (6/7), Higher Level Physics (7/7)
- **Mathematics Extended Essay** on the Diffie-Hellman key exchange (~4000 words)
  - Grade achieved: A (highest grade)

Cambridge IGCSE Mathematics - A* (highest grade)

LEADERSHIP AND OTHER EXPERIENCE

09/2019 - 01/2021

Charity Event Organiser (Volunteering), (ECP Taste Asia 2019/Asian Festival 2020), Prague
- Main organizer of a charity event hosted annually in the English College in Prague (ECP).
- Collaborated with embassies of 5 ASEAN countries to organize resources and enable the delivery of the event on time and within budget. Raised a significant amount of money for various charity foundations such as the CARE organisation.
- Developed and deployed a static event website using basic HTML and CSS

Completed Harvard's CS50x introductory course to computer science