**Jiayan Fan**

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**Education**

**University College London London, UK**

MSc Urban Development Planning **Sep.2022-Sep. 2023**

* Relevant Coursework: Economic Policy Evaluation Tools, Practice in Urban Development Planning.

**University College London**   **London, UK**

MSc Smart Cities and Urban Analytics  **Sep.2021-Sep. 2022**

* Relevant Coursework: Context, Policy and Government; Geographic Information Systems and Science; Spatial Data Capture, Storage and Analysis.

**University of Birmingham Birmingham, UK**

BSc Geography, Urban and Regional Planning  **Sep. 2018-Sep. 2021**

* Relevant Coursework: Economic Geography, GIS Applications, Social and Political Geography, Berlin and Amsterdam Fieldtrips and Work, Migration and Alternative Economies.

**Internship**

**HireBeat Jersey City, USA**

***Data Analyst Intern*  Jun. – Jul. 2022**

* Identified the company's strengths, weaknesses and directions for improvement by evaluating the SEO of competitor web pages
* Optimize the company's sales conversion rate algorithm based on market norms and historical data
* Incorporate geographic differences into the visual analysis of the company's ICP to determine the profile of potential customers from a geographic perspective

**China Academy of Urban Planning and Design Shenzhen** **Shenzhen, China**

***Urban Planning Research Assistant* Jul. – Aug. 2021**

* Provided essential analyse to the 2021 China-Vietnam Cooperation Zone in Fangchenggang industry Planning
* Responsible for data analysis and data visualisation of the current economic situation of the Zone and the advantages and disadvantages of its location; acted as the reporter in the interim report.
* Interviewed relevant government departments and highlight the direction of Fangchenggang’s characteristic development should be based on China-Vietnam cooperation and domestic regional cooperation. The recommendation was incorporated into local development documents

**Project Experiences**

**Three Accessibility Analysis of Shenzhen Metro | *Researcher* Shenzhen, China,** **July. 2022**

* Using Python and QGIS, the radiation accessibility, local accessibility and personal accessibility of Shenzhen Metro are analysed, and the topics of convenience, humanistic care and regional equality are comprehensively investigated.
* Innovatively crawl the API data of Shenzhen Metro and use it in visual analysis, regression analysis and comparative analysis.
* The research results show that the Shenzhen Metro is inconvenient for the disabled and regional inequality based on historical factors and policy changes. Completed a 12,000-word article. This result was valued and adopted by local planners.

**The Child Trafficking in China | *Group Leader* London, UK, May. 2022**

* Leading a team of five, proposed a research of child trafficking, involving socioeconomic background investigation, data analysis of trafficking, data visualisation, web front-end development; also responsible for logical framework organisation, member coordination and communication.
* The final research results were presented in a visual web page. In the work's internal network, the page views and positive reviews exceed 95% of other pages.

**Extracurricular Activities**

**London Hestia Volunteering Organisation | *Volunteer* London, UK, Jun. 2022-2023**

* Provided programming and smartphone usage knowledge to community youth and seniors

**Model United Nations | *Volunteer Officer* London, UK, Nov. 2022-2023**

* Participated in the planning of 2022 Model United Nations competition.

**Skills & Interests**

**Language:** Chinese (Native); English (Fluent); Japanese (Base)

**IT skills:** QGIS; RStudio; Python; SQL; SPSS; HTML; Adobe Illustrator; Photoshop; AutoCAD; Adobe Premiere Pro

**Interests & Hobbies:** Accordion; Robot Programming (Awarded National Third Prise); Video production; Paint