Siyuan (Kelvin) Hu

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Profile

Enthusiastic Software Engineer with expertise in building web applications. Offering 1+ years of professional experience in Full Stack Development. Quickly learn and master new technologies and enjoy working in both team and self-directed settings.

Education

2020-09 — 2021-09

Imperial College Business School
London, UK
Master of Science in Finance

2017-08 — 2018-12

Cornell University
Ithaca, NY, USA
Master of Engineering in Computer Science

2013-08 — 2017-05

New York University Shanghai
Shanghai, China
Bachelor of Science in Computer Science

Experience

2019-03 — 2019-11

Software Engineer, Uber Advanced Technologies Group
Pittsburgh, PA, USA
Worked under the AVMaps team and focused on building geospatial web tools that enable geo-specialists to produce high-definition maps for self-driving cars. Used React/Redux as the frontend architecture, DeckGL for graphics rendering, and NebulaGL for geometric editing. Other development tools include Jest and Cassandra.

2018-05 — 2018-08

Software Engineer Intern, Uber Advanced Technologies Group
Pittsburgh, PA, USA
Designed and implemented map production web tools for geo-specialists, such as the street-level panorama panel using camera images taken by the in-vehicle cameras and the traffic light labeling tool to collect data for triangulation. Used development tools such as React/Redux, MySQL, and Jest on a regular basis.

2017-01 — 2017-04

Frontend Developer Intern, Energo Labs
Shanghai, China
Developed a management portal using React for a peer-to-peer energy exchange platform to monitor electric meter data, manage user data, and visualize business data.

Skills

Frontend Development: HTML5/CSS3/React/Redux/Webpack/Sass/WebGL2
Backend Development: NodeJS/Express/MySQL/MongoDB
Data Science: D3/Numpy/Pandas/TensorFlow/PyTorch/Keras/Spark
Programming Languages: Python/JavaScript/Java