Siyuan (Kelvin) Hu

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Profile	Enthusiastic Software Engineer with expertise in Web Development and Data Visualization. Offering 1+ years of experience in full software development lifecycle. Quickly learn and master new technologies and enjoy working in both team and self-directed settings.
Education 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 2019-11 – 2020-03	Blockchain Developer, Dipole Tech Shanghai, China Implemented Ethereum smart contracts using Solidity to provide data access and integrated a React-based content management system with Ethereum smart contracts using Web3 to read and write electric meter data.
2019-03 – 2019-11	Software Engineer I, Uber Advanced Technologies Group Pittsburgh, PA, USA Worked under the AVMaps Applications 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 front-end architecture, DeckGL for graphics rendering, and NebulaGL for geometric editing. Other development tools include Jest and Apache 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, MySQL and Jest on regular basis.
2017-01 – 2017-04	Front End Developer Intern, Energo Labs Shanghai, China Developed a management portal using React for a distributed peer-to-peer energy exchange platform to monitor electric meter data, manage user data, and visualize internal business data.
Skills	Front End Development: HTML5/CSS3/React/Redux/Webpack/Sass/WebGL2 Back End Development: Node.js/Express/MySQL Data Science: D3/Numpy/Pandas/PyTorch/Keras/Apache Spark Programming Languages: JavaScript/Python/Java
Work Authorization	Sponsorship required; H-1B cap exempt from previous employment