

# 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 professional software development. Quickly learn and master new technologies and enjoy working in both team and self-directed settings.
Education	Cornell University 2017-08 – 2018-12 Ithaca, NY, USA Master of Engineering in Computer Science
	New York University Shanghai 2013-08 – 2017-05 Shanghai, China Bachelor of Science in Computer Science
Experience	Blockchain Developer, Dipole Tech 2019-11 – 2020-03 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.
	Software Engineer I, Uber Advanced Technologies Group 2019-03 – 2019-11 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.
	Software Engineer Intern, Uber Advanced Technologies Group 2018-05 – 2018-08 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.
	Front End Developer Intern, Energo Labs 2017-01 – 2017-04 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