Siyuan (Kelvin) Hu

M +86 139 1632 4695
E kelvin.hu.siyuan@gmail.com

linkedin.com/in/siyuanhu
kelvinuknowhu.github.io

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
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
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
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
Programming Languages: JavaScript/Python/Java