

Kelvin Hu

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Profile

Enthusiastic Software Engineer offering 1+ years of professional experience in Software Development. Quickly learn and master new technologies and stay determined in the face of obstacles. Enjoy working in teams and collaborating with people from diverse backgrounds.

Education

2020 — 2021

Imperial College London

London, UK

Master of Science in Finance (Expecting)

2017 — 2018

Cornell University

Ithaca, NY, USA

Master of Engineering in Computer Science

2013 — 2017

New York University Shanghai

Shanghai, China

Bachelor of Science in Computer Science, Cum Laude

Work Experience

2019

Software Engineer, Uber Technologies Inc

Pittsburgh, PA, USA

- Worked on the maps team of the self-driving car division and focused on building geospatial web applications with React and in-house GeoJSON editing and web graphics libraries to support specialists in producing annotated maps for self-driving cars
- Organized brainstorm and code review sessions to encourage collaboration on improving existing features and optimizing map-making processes with automation
- Interfaced with production teams to ensure continuous delivery of new features and collect feedback for UX improvements

2018

Software Engineer Intern, Uber Technologies Inc

Pittsburgh, PA, USA

- Implemented web tools specialized in map making for geo-specialists, such as a street-level panorama panel using camera images taken by the in-vehicle cameras and a traffic light labeling tool to collect data for triangulation
- Created detailed documentation and presentation for the project to encourage future continuous development

2017

Front-End Developer Intern, Energo Labs

Shanghai, China

- Developed visualizations for the online management portal of a peer-to-peer electricity exchange platform using React and built reusable UI components for the visualizations to intuitively present transactions data and electric meter data

Skills

Front-End Development: HTML, CSS, React, Redux, Sass, D3, WebGL

Back-End Development: Node.js, Express, MySQL, MongoDB

Data Science: R, Numpy, Pandas, PyTorch, Keras, Spark

Programming Languages: Python, JavaScript, Java

Extracurriculars

- Student Ambassador of New York University Study Abroad Program (2016)
- Team Leader of New York University Alternative Breaks Program (2016)
- Award Recipient of Dean's Undergraduate Research Fund at New York University (2015)