

Vince MingPu Shao

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Front-end Engineer and UI/UX Designer who delivers quality experience, including innovative web3 products, accessible websites, and friendly documentations, with both programming and design languages.

Work Experience

Software Engineer, Front-end

stakefish | Jan 2021 – Now | New York, NY (Remote)

- Designed product specs and architecture system to initiate multiple new product development cycles
- Planned annual roadmap with company leads and delegated weekly sprint tickets to front-end team
- Streamlined disordered cross-team project development workflow by establishing collaboration protocols
- Led development of a networks analysis app structured as monorepo; the repo consisted of data ingestors and API server in Node.js working with BigQuery, and front-end React.js apps in TypeScript
- Prototyped and launched Ethereum staking web3 app interacting with Solidity smart contract in 4 months
- Boosted the Lighthouse performance of company's 17-languages-supported website from poor to good
- Established UI design system principles doc and Figma template to support creative UI kit designs

Web and iOS Engineer

Line Break Studio | May 2019 – Now | New York, NY (Part-time)

- Refactored an iOS AR app and reduced 20% lines of code by building UI elements with SwiftUI
- Collaborated with Pentagram, NYC's best graphic design firm, to build pixel-perfect UIs with Next.js
- Created and maintained WordPress instances as headless CMS exposing APIs powered by GraphQL
- Built Electron app parsing vertices data from visual design software to generate organized SVG visuals
- Developed a Shopify eCommerce website integrated with marketing and selling tools in 1 week

UI Developer & Designer

Tendermint | Aug 2020 – Dec 2020 | Berkeley, CA (Remote)

- Researched and prototyped proof-of-concept blockchain apps; demonstrated the prototypes to company leads every week and allocated feedbacks for future rapid iterations
- Developed open-source Vue.js framework interacting with blockchain data via gRPC and protobuf calls

Front-end Developer

Tenten Creative | Aug 2017 – Aug 2018 | Taipei, Taiwan

- Rebuilt project workflow and reduced development time by 50%, unblocking the communication barriers on UI states between designers, engineers, project managers and clients
- Built an eCommerce website in Vue.js and PHP integrated with local payment and delivery provider APIs

Graphic Designer

Dec 2015 – Aug 2017 | Taipei, Taiwan

- Redesigned speculative design system for the Taiwan Railway train tickets and the national ID card
- Designed and maintained Star Alliance member EVA Air's inflight meals menu, textiles and souvenirs

Education

New York University (NYU)

Sep 2018 – May 2020 | New York, NY

Interactive Telecommunications Program (ITP): Master of Professional Studies, MPS (STEM)

- Created a machine learning ReactJS project featured on Google's Teachable Machine website
- Built a music calendar iOS App with Node and Express, visualizing concerts data scraped with Python
- Thesis - a storytelling website that animated HTML texts with CSS and GSAP in TypeScript and Vue.js

National Chengchi University - Bachelor of Arts (BA)

Sep 2010 – Jun 2014 | Taipei, Taiwan

Skills

Programming: TypeScript, React, JavaScript, HTML, CSS, Vue, Node, Solidity, Swift, Git, GraphQL, SQL

Design: Figma, UI, UX, graphic, wireframe, user journey design, Photoshop, Illustrator