YUHAO FENG

Astoria, NY | jimfengyh@gmail.com | 201.918.0528 | https://yuhao-nyc.github.io/portfolio/

Senior mobile engineer with 10+ years of experience delivering robust applications and features within the sports tech, finance, and fintech spaces. Expertise in Flutter and React for developing best-in-class user experiences on mobile and front end web platforms. Lead the software development process, using mobile best practices to translate design concepts into scalable code.

Partner with designers, product leads, and backend engineers to define requirements and enable integration with server-side components and APIs. Mentor junior engineers in building competency to solve complex technical challenges.

TECHNICAL SKILLS

Programming Languages | Dart, JavaScript, HTML, CSS

Frameworks | Flutter, Flame, React, Vue, JQuery, Bootstrap

Tools | Figma, Zeplin, Mixpanel, Rive, Runway, Sentry, Unleash, GitHub, Notion

Proficiencies | Mobile Development, Unit Testing, REST API, JSON, OOP, UI Engineering, Agile Software Development, Responsive Web Design, Information Architecture, UX Research, Wireframing, Lo-Fi, Hi-Fi Design

EXPERIENCE

SIMPLEBET | New York, NY

Software Engineer – Mobile / Front End   Oct 2018 – Present

Tech Stack: Flutter, Flame, Elixir, React

- Founding member of the Engineering team for a B2B developer of machine learning solutions powering the online sports betting experience. Lead UI development for cross-platform mobile and web applications, partnering with Product, Design, and Back End Engineering on project planning, architecture, and deployment.
- Build custom product features for client platforms (Fan Duel, YES Network, Betr App, DraftKings, Hard Rock Bet), translating design mockups into sophisticated and responsive UIs.
- Lead engineer for the Game Tracker product, a best-in-class sports gaming visualization tool using low-latency data and high-tech animation (Flame Game). Managed the architecture and deployment process, working with Product, Back End, and client-side engineers on feature requirements, timeline, and application integration.
- Work with tech lead to set up initial MVVM architecture pattern and integrate RESTful API and WebSockets for data synchronization. Write unit tests and participate in code reviews to maintain code quality.
- Utilize GitHub Actions for continuous delivery and deployment in moving from development to product environment.

Key Accomplishments:

- Played an integral part in transitioning Engineering from responsive front end development using React to Flutter for building cross-platform mobile applications.
- Introduced Flame Game Engine technology to the organization to support high-quality animation.
- Spearheaded Betr's responsible gaming feature enabling user-defined budget limits in compliance with state regulations. Configured registration and login flow to enable verification of user data (legal name, DOB, SSN) using third-party API.

BANKRATE | New York, NY

User Interface Engineer   Oct 2017 – Sept 2018

Tech Stack: HTML, CSS, JavaScript, Vue, Figma

- Built the user interface for Bankrate's web application and tested new features prior to production. Collaborated with teams of product managers, designers, and back end engineers in fast-paced, Agile / Scrum development environments.
- Developed and maintained new content delivery framework on Bankrate.com using PHP / Laravel, Vue.js, HTML5, CSS.
- Migrated legacy sites from ASP.net to Lavarel / PHP, Vue.js, Vuex, Saas, and Webpack architecture.
- Collaborated on a centralized front end UI component library shared across projects using Storybook.
- Enhanced UI usability by remediating web page issues and workflow based on user testing data.
- Performed A/B split testing to improve product features. Tested code for cross-browser compatibility.
- Optimized page speed and SEO to maximize traffic and search engine rankings.

- Contributed to design ideation and concept development for UI / features.

BANKRATE | *Continued*

Key Accomplishments:

- Created a standardized front end style guide, UI toolkit, and defined coding standards for web application development.
- Built a responsive financial information calendar and interactive traffic rate tables using HTML5, CSS, Sass, PHP / Laravel framework, Vue.js, and Vuex.
- Utilized Vue framework to develop a fully functional capture single page application from design through deployment.

FXCM | New York, NY

Web Developer   May 2013 – Oct 2017

Tech Stack: HTML, CSS, JavaScript, jQuery, Bootstrap, Photoshop

- Rebuilt the legacy website into a responsive app and feature set enabling data visualization and real-time display of Forex market information. Developed the front end UI from wireframes and PSD mockups.
- Developed a live streaming Sentiment Index chart ushing WebSockets, Google Charts Library, and JavaScript.
- Built data visualization tools including market sentiment indicators, live streaming price panels, real-time event countdown widgets, and economic calendars using algorithmic programming, WebSockets, JSON, and AJAX.
- Utilized responsive web design and media query to ensure compatibility across platforms.
- Integrated server-side Java Server Pages pulling in back end data from Oracle.

Key Accomplishments:

- Developed Google Accelerated Mobile Pages (AMP) that boosted site ranking to #1 in search results.
- Enhanced web performance with PageSpeed tools and optimized static resources to expedite loading time by 30%.
- Integrated Twitter API for real-time streaming and display of information sorted by Forex keywords and related authors.
- Brought on as an intern and hired full-time (2014), maintaining consistently high performance reviews.

Previous Roles: Digital Marketing Intern at **ZUMPER** in San Francisco (2012 – 2013)

Assistant Branch Manager at **BANK OF CHINA** in Beijing (2011 – 2012)

EDUCATION

MS, Information Systems – Stevens Institute of Technology | Hoboken, NJ

BS, Information Systems – Beijing Technology & Business University | Beijing, China

Certificate in Modern React with Redux – Udemy

Flutter Animation Masterclass – Code with Andrea

UX Design, Wireframing, UX Research & Testing, Figma Design & Prototyping, Foundations of UX Design – Coursera

Additional Skills: Bilingual Fluency in Chinese