

Technical Expertise

Strong: TypeScript, React, JavaScript, GraphQL / Apollo, HTML/CSS, Node, Webpack, Express, Python, Git

Experienced: Angular, Docker, AWS, PostgreSQL, MongoDB, Pyramid Framework, Vagrant

Professional Experience

Juniper Square | Software Engineer II (Frontend) | *March 2020 - Current*

- Designed client-server GraphQL interface for our internal KYC Analyst App and implemented React + Typescript client app; placing the company as a credible fund administrator with \$1.5B AUA.
- Increased frontend unit test coverage by 10% through automated CI scripts that breakdown frontend tests using React Testing Library across all services and publish coverage stats to Confluence.
- Migrated legacy RequireJS text editor to a modern React and TypeScript editor. Ensured compatibility across services by outlining strategies for QA to test the new editor (client-side) against the legacy editor (server-side rendered). Acted as scrum lead for scoping frontend development cost for the migration path and implemented each task in the epics.
- Reduced bundle size by deduping, pre-loading, and code-splitting chunks using Webpack, and shimmed packages to enable migration of legacy text editor.
- Brought to market Know Your Customer (KYC) and recurring watchlist checks, allowing managers to verify the identity of accredited investors through a subscription process. Managed subscription responsible for driving \$1 Trillion in assets through the pipeline.
- Implemented document sharing solutions through e-signature and file upload. Enforced user roles and permissions within our Python + SQLAlchemy data model to allow secure transactions with DocuSign and LexisNexis; SOC-2 compliant document integrations audited through AICPA's SOC protocols.
- Organized coding standards by abstracting common UI patterns into our core storybook library. Automated deployments of the library so that teams could share updates to design patterns with documented source code.

Blend | Software Engineer Intern | *September - December 2019*

- Implemented custom frontend tracking and analytics using React and Redux written in Typescript.
- Communicated with product managers to achieve goals set during sprint planning.

Education

Pepperdine University | *Focus in Computer Science | Business Administration, B.A* | 2016 - 2019

Personal

- **UX/UI** - I started with web-design, but became fascinated with Javascript's extensive ecosystem.
- **Mechanical and DIY** - I have a wide variety of projects I've worked on that range from a 72' Mustang convertible to a CBR600RR motorcycle. I also love woodworking, wood carving, and helping friends or family with household repairs.