Ying Wang

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Career Summary

Self-driven software engineer with production experience in full-stack web development. History of understanding business fundamentals and tailoring software solutions to maximize business-critical advantages. Flexible in learning new technologies and implementing them according to commonly accepted best practices.

Work Experience

Software Engineer - Xometry (Bethesda, MD)   December 2016 - Present

Migrated parts of internal ERP software from Jinja / Angular / jQuery to React, boosting developer productivity by 5x and improving page performance by 3x.

Migrated parts of landing page from WordPress to home-built solution by developing Craft CMS templates, allowing sales and marketing to add site content while scaling to 4,000+ requests per day.

Assisted sales and marketing team in adding new partner activity monitoring abilities through Hubspot, and operations team in migrating shipping APIs to Shippo.

Prototyped front-end expedite feature on quoting site, mobile push notifications system on iOS application, and partner portal onboarding workflow, for later implementation.

Technical Skills

Languages:	Python, JavaScript, HTML/CSS, PHP, Java, Go, Ruby, C, Lisp
Frameworks:	React, React Native, Angular 1.x, MobX, Webpack, Karma, Enzyme, Flask, Node.js, Bootstrap, Bulma, SASS, PyTest
Tools:	MongoDB, PostgreSQL, AWS (EC2, S3, CloudFront, Route 53), Bash, Git, GNU Make, Markdown
Environments:	Linux, macOS

Education

Duke University (Durham, NC)   2012 - 2016
B.S.E, Electrical and Computer Engineering