# Ying Wang

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## ABOUT

Software Engineer interested in helping people make things.

## WORK EXPERIENCE

**Xometry** (Bethesda, MD)

*Software Engineer*, December 2016 - Present

- Migrated parts of internal ERP front-end to React
- Templated new static landing pages to use Craft CMS
- Retrofitted parts of quoting flow front-end with new styling and functionality
- Helped update shipping provider logic to use Shippo's APIs
- Added logic to forward Xometry Partners data to marketing team via Hubspot
- Refactored some database models to use domain access objects
- Assisted in production deployments
- Reviewed pull requests from all web systems
- Prototyped mobile push notifications system for Xometry Partners iOS beta application
- Prototyped front-end expedite feature on quoting flow
- Prototyped Xometry Partners onboarding workflow

## EDUCATION

**Duke University** (Durham, NC)

*B.S.E in Electrical and Computer Engineering*, August 2012 - May 2016

## SKILLS

**Most to least experienced**

- *Languages* (JavaScript / ES6 / ES7, Python, Java, PHP / Twig, Go, Ruby, C, Lisp, Swift, MIPS, PIC)
- *Front-end frameworks* (React.js, Angular 1, jQuery)
- *Front-end state management* (MobX, Redux)
- *Back-end frameworks* (Flask / Jinja, Node.js / Express.js)
- *Databases* (MongoDB, PostgreSQL)
- *Build tools* (Webpack, Gulp, GNU Make)
- *Testing* (Karma, Enzyme, Mocha, Chai, PyTest, Python.unittest)
- *Version Control Software* (Git)
- *Templating languages* (Markdown, YAML, LaTeX)
- *Operating Systems* (macOS, Linux/Ubuntu)
- *Third-party platforms* (AWS.EC2, AWS.S3, AWS.CloudFront, AWS.Route 53, Hubspot, Shippo, Craft CMS)
- *Third-party software* (SolidWorks, OpenCV, ROS)
- *Misc.* (bash, SASS / CSS / HTML, Bootstrap / Bulma)