

# Dan Zheng

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CS Purdue University | May 2019

[github.com/Dan-Zheng](https://github.com/Dan-Zheng)

[danzheng.me](http://danzheng.me)

## Experience

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### Information Technology at Purdue University | West Lafayette, IN

Fall 2015 – Present

#### LON-CAPA Programmer

- Develop for LON-CAPA course management system at Purdue University
- Work with mathematics department to implement dynamic math problems using Perl

### BoilerCamp | West Lafayette, IN

Fall 2015

#### Mentor

- Volunteered at day-long workshop teaching students how to make a personal web app

### Material Wrld | New York City, NY

Summer 2013

#### Developer Intern

- Performed market research and worked on basic web development for fashion startup
- Learned about entrepreneurship and startup culture

## Skills

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### Programming

#### Proficient:

- Java, JavaScript, Python

#### Familiar:

- C, C++, PHP, Perl, Swift

### Other

- Bower, Git, GitHub, Grunt, HTML/CSS, MongoDB, Nginx, Node, Regex, Vim, Zsh

## Projects

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### Cubed

Winter 2015 (*in progress*)

#### Web Application

- A site that teaches people how to solve a Rubik's cube from a scrambled state
- Currently working on cube color detection from photos

### NoAccent! | WildHacks Hackathon

Fall 2015

#### iOS Application

- A foreign accent correction app
- Winner of the Groupon Most Out-of-this-World Use of the Groupon Space Cat Award at WildHacks 2015

### Bropay | OHI/O Hackathon

Fall 2015 (*in progress*)

#### Apple Watch/iOS Application

- A payment app for Apple Watch users to perform transactions by fist-bumping
- Currently implementing machine learning algorithm for fist-bump detection

### Happy Libs

Fall 2015

#### Web Application

- A mad-libs template word game generator

### Gradients | VandyHacks Hackathon

Fall 2015

#### JavaScript

- A simple, intuitive color puzzle game based on Blendoku, a mobile app