

Dan Zheng

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CS Purdue University | May 2019

github.com/Dan-Zheng

danzheng.me

Experience

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

Air Force Research Laboratory Discovery Lab | Dayton, OH

Summer 2015

Software Engineering Intern

- Collaborated with a team on ProjectAVATAR, an interactive virtual map software that allows simple visualization of media in a virtual environment

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

Programming

Proficient:

- Java, JavaScript, Python, Swift

Familiar:

- C, C++, Objective-C, PHP, Perl

Other

- Git, GitHub, HTML/CSS, Nginx, Regex, Vim, Zsh

Projects

DeCubed

Fall 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

Bropay | OHI/O

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
- Replaces some words in story with similar, unrelated words for comedic effect

Gradients | VandyHacks

Fall 2015

JavaScript Game

- A simple, intuitive color puzzle game based on Blendoku