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

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++, PHP, Perl
Other
— Git, GitHub, HTML/CSS, MongoDB, Nginx, Regex, Vim, Zsh

Projects

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