

# Danny Zou | Software Engineer

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## Education

### Purdue University

Class of 2019

*Bachelor of Science, Computer Science*

### Relevant Coursework

- CS180 OO-Programming
- CS190 CS Tools
- CS182 Foundations of Comp. Sci
- CS240 Programming in C
- CS250 Computer Architecture
- CS251 Data Structures & Algorithms
- MA161 Calculus I
- MA162 Calculus II
- MA261 Multivariate Calculus

### Current Coursework

- CS252 Systems Programming
- CS307 Software Engineering
- MA265 Linear Algebra

Semester Honors: Fall 2016

*Purdue University*

## Experience

### SinoVision

*Technology Intern*

Flushing, NY

Summer 2017

- Assisted logistics and day-to-day operations
- Fixed systems and hardware of T.V station equipment including recording software and audio/video devices

### Purdue University

West Lafayette, IN

*Undergraduate Teaching Assistant*

Fall 2016

- CS180 - Problem Solving and Object-Oriented Programming
- Held office hours to assist students on course projects and homework.
- Assisted students in live coding sessions at recitation and lab.
- Graded labs and assignments.

## Projects

### Froomie!: CS307 Project

React/Meteor

- Collaborative roommate-matching/social media web app

### Shell: CS252 Project

C/C++

- Interactive UNIX shell built with lex and yacc

### Jsonify: Individual Project

React

- JSON file generator web app built with the React framework

### TeaStar: Client Project

HTML5/CSS3/JS

- E-Commerce/Product catalog website showcasing tea products

### IO Laser Pointer: Purdue Hackers Project

C++

- Computer-controlled laser pointer using servo motors and Raspberry Pi.

## Skills

**Languages:** Java, C, C++, Python, JavaScript, HTML5, CSS3

**Tools:** UNIX, React, Meteor, MongoDB, AngularJS, Node.js, Git, Bash, Valgrind, SQL, L<sup>A</sup>T<sub>E</sub>X, AutoDesk Maya

## Extra-curricular Activities

### Purdue Hackers Club: Hacker

*Purdue University*

- Collaborated in groups of students to design and implement systems and software projects.

### Purdue iOS Development Club: Developer

*Purdue University*

- Learned about and assisted the development of multiple iOS projects including the unofficial Purdue app.

### iDTech Summer Camp: Student

*Vassar College*

- Created 3D models and animations using AutoDesk Maya

### YAB Summer Business Camp

**Columbia University**

*Team CFO*

Summer 2014

- Managed all financial concerns for team company and developed effective strategies to determine the optimal price point for M&A.