

# Danny Zou | Software Engineer

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## Education

### Purdue University

Bachelor of Science, Computer Science

Class of 2019

GPA : 2.91

### 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

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

### Youth About Business

Team CFO, Columbia University

New York, NY

Summer 2014

- Addressed all financial concerns for team company and developed an effective strategy to determine the optimal price point for M&A
- Researched & analyzed public companies such as Johnson & Johnson and Bristol Myers-Squibb
- Negotiated with target company to determine & execute a feasible transaction
- Worked together with business teams and area professionals such as accountants, attorneys & specialists
- Created & presented a 10-minute PowerPoint of M&A case to directors and CEOs
- Wrote a 20-page shareholders report with combined business teams

## Projects

### Bouncy Cow: Individual Project

Java

- Flappy-bird clone built using the libgdx Java framework and custom assets

### MoopyRPG: Individual Project

Java

- Standalone 2D RPG game implemented with Java Swing and custom assets

### IO Laser Pointer: Purdue Hackers Project

C++

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

## Skills

Languages: Java, C, C++, JavaScript, HTML, CSS

Tools: UNIX, Valgrind, AngularJS, Node.js, Git, 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

### iDTech Summer Camp:

Vassar College

- Created 3D models and animations using AutoDesk Maya