

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

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

Undergraduate Teaching Assistant

West Lafayette, IN

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

TeaStar: Client Project

HTML/CSS/JS

- E-Commerce/Product catalog website showcasing tea products

Bouncy Cow: Individual Project

Java

- Flappy-bird clone built using the libgdx Java framework 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++, Python, JavaScript, HTML, CSS

Tools: UNIX, React.js, Meteor, MongoDB, AngularJS, Node.js, Git, Bash, Valgrind, SQL, L^AT_EX, 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.