

# Pin Wang

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## EDUCATION

**University of California, San Diego**

**Expected December 2017**

*Bachelor of Science in Computer Science*

Major GPA: 3.9 / 4.0

- **Honors:** Marshall College Honors Program; Provost Honors

## RELEVANT COURSEWORK

Data Structures & Algorithm (C++)

Theory of Computation (Haskell)

Artificial Intelligence (Python)

Operating System (C)

Human Computer Interaction (JS)

Database System (SQL)

Software Engineering (Java)

Computer Architecture (Verilog)

Usability Architecture (HTML)

## SKILLS

**Programming:** Java; Python; C/C++; SQL; JavaScript; HTML; CSS; Verilog; SPARC

**IDE/Editor:** Adobe Creative Suite; Visual Studio; Android Studio; Vim; Xcode

## WORK & LEADERSHIP EXPERIENCE

**The Design Lab, UC San Diego**

**San Diego, CA**

*Research Assistant*

September 2016 – Present

- Implemented the front end interface of the disease diagnosis web application **doknosis.org** with Flask and React
- Built the database for doknosis.org which manages over one hundred thousand records using PostgreSQL and Python

**Computer Science and Engineering Department, UC San Diego**

**La Jolla, CA**

*Tutor for CSE 132A (Database System) and CSE 140 (Computer Architecture)*

September 2015 – Present

- Conducted weekly office hours to answer students' questions regarding homework and lecture notes
- Assisted students with programming assignments and teach hands-on debug skills during lab hours
- Presented and facilitated discussion sessions to enhance students understanding of the class materials

**Chinese Students and Scholars Association, UC San Diego**

**San Diego, CA**

*Technology Committee Lead*

March 2014 – June 2015

- Led web team to develop the official website **www.ucsdcssa.org** using HTML5, CSS5, JavaScript, and MySQL
- Supervised video production team members to create promotional videos with Adobe After Effect and Adobe Premiere

**Yep Innovation Studio**

**Shanghai, China**

*Founder*

January 2014 – February 2015

- Led a team of 50 members for five different projects such as **Yep Tomorrow** (Career & Interests Experience Program) and **Yep Connect** (Platform of connecting town planners and urban designers in China and America)
- Organized summer camps to help participants increase their professional exposure and achieve their career goals
- Created an online platform focusing on academic and career resources for more than one thousand users
- Designed and implemented websites **gotoyep.org** and **gotoyep.com** for summer camps and the resources sharing platform

## PROJECTS

**Snack Mate | Android Application**

Android Studio, Java, Parse, Espresso

- A snack-shopping app developed that highlights a shuffle feature to recommend snack for customers
- Collaborated with five team members to implement the app through behavior-driven development and Agile methodology

**Iamherefor | Web Application**

JavaScript, Node.js, MongoDB, JSON

- An online queuing application that helps users find the best matched advisor at UC San Diego Career Services Center
- Adopted user-centered design principals in the website interfaces to smooth user experience

**Pets | Website**

HTML5, CSS3, JavaScript, PHP, MySQL

- A website designed to report lost pets. Developed with a team of five in one month through Human-Computer Interaction