# Steven Shing-Ren Chou

Fremont, CA

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## EDUCATION:

**Bachelor in Science in Computer Science** (BS) — **Graduated: 2015**
University of California, Santa Cruz — Santa Cruz, CA

## TECHNOLOGY SUMMARY:

Skills:   **Java  PHP5**  JavaScript   C, C++   Python   SQL   Git   HTML5   CSS3   HTTP   MVC
Tools:    CodeIgniter   Bootstrap3   Polymer   SCRUM/SLDC   LAMP   JQuery   MySQL   FTP/SFTP
System:   Windows   Linux   Mac   Unix   VMware

## EMPLOYMENT HISTORY

- **Course Grader:** — October 2014 – December 2014
  Jack Baskin School of Engineering, Santa Cruz, CA
  Highlighted errors in assignments, exams and provide feedback for about 120 students for a quarter term.

- **Technical Support Intern:** — June 2012 – September 2012
  Alameda Superior Courthouse DA Office, Oakland, CA
  Formatted hard drives, update Windows XP, image desktops, and install printers and at other different courthouses.

- **Tennis Instructor:** — April 2009 – September 2012
  Fremont Tennis Center, Fremont, CA
  Mentored groups of children and adults the proper footwork and strokes, and teamwork strategies.

## SOFTWARE  EXPERIENCE:

- **Class | Comparative Programming Languages:** — https://github.com/choufun/Comparative-Programming-Languages
  Designed a dynamic (gratitude journal) website (PHP) accessing a relational database (PostgreSQL).
  Managed HTTP sessions and cookies, and built queries to insert, retrieve, and display data with validations.

- **Class | Web Applications** (capstone course)**:** — https://github.com/choufun/Web-Applications
  Designed a dynamic (customer and contractor) MVC (Web2Py) website (Python).
  Implemented backend for account logins, and built queries to search and display for prices, bids, and inbox.

- **Class | Introduction to Software Engineering:** — XAMPP | HTML5 | CSS3 | PHP5 | MySQL
  Designed a responsive website of web-mobile application (task manager) through an agile (SCRUM) process.
  Implemented the website frontend and backend functions to create, update, and delete tasks within a group.

- **Class | Software Design Project** (capstone course)**:** — Grafana | OpenTSDB | HBase | Oracle Database
  The project is a distributed performance monitoring that collect and display metrics as gantt charts from Xactly servers. The objective is to identify problems and troubleshoot server network with open source.

- **Personal | Lab Petri** (startup)**:** — https://www.labpetri.com
  Implemented the frontend (Polymer) and backend (PHP) of a responsive MVC (CodeIgniter) platform.
  Coordinated and managed the software design, prototyping, development, and unit testing.
  Managed relational database (MySQL) with SQL scripting, HTTP sessions, DOM and filesystem.

## ORGANIZATIONS & INTERESTS:

UCSC: Tennis Club Team    UCSC: Badminton Team    CSA: Chinese Student Association: Event Coordinator
SASE: Society of Asian Scientists and Engineers    USTA: United States Tennis Association