

# Duc Dao

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## EDUCATION

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### *California Polytechnic State University, San Luis Obispo*

9/2012 – Present

- Bachelor of Science in **Computer Science**, Fall 2017 (Expected)
  - Publication in 2013 – 2014 Fresh Voices: Composition at Cal Poly (Textbook)

## PROJECTS

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### Chat Service Testing

Dynamic Web Development – CPE 437, Cal Poly San Luis Obispo 4/2017 – 5/2017

- Developed a Postman suite of 216 tests to expose bugs in a broken chat service codebase.
- Automated test pushes/pulls, SSH port forwarding, and server creation using Bash scripts.

### Update Student Card Swipe Database

Computer Science & Software Engineering Department – Cal Poly San Luis Obispo 4/2017

- Updated >100 Master's student's card swipe information using MySQL queries.
- Generated MySQL query statements using Python to parse a CSV file.

### Helping Hand, Volunteer Website

LA Hacks 2017 4/2017

- Created a platform to connect volunteers and volunteer providers.
- Utilized Firebase to implement Help Hand's user authentication.
- Assembled the volunteer postings creation through HTML and JavaScript.

### Scheduling Web Application

3/2016 – 5/2016

Database Modeling, Design, and Implementation – CPE 366, Cal Poly San Luis Obispo

- Created an application that administered users' schedule with a group of 2 other peers.
- Developed schedule view using Java Server Faces to project PostgreSQL queries constructed in Java.
- Enhanced the application by implementing the Java class needed for vacation requests.
- Synchronized codebase with teammates using Git.

### Simple Word Frequency

10/2016

Systems Programming – CPE 357, Cal Poly San Luis Obispo

- Utilized a hash table to store, update, and obtain word frequencies from a file in C.
- Constructed Bash scripts to swiftly style check, compile, test, and submit my work.

## COMPUTER TECHNOLOGIES

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**Languages:** C, Java, JavaScript

**Databases:** MySQL, PostgreSQL

**Tools:** Vim, Bash, Git, Postman, Firebase, MySQL Workbench, pgAdmin Sublime Text, Netbeans