

Ejmin Mehranian

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EDUCATION



COMPUTER SCIENCE AND MATHEMATICS B.S

University of California, San Diego, La Jolla, CA

Expected June 2019

Interests:

Full stack development, cloud computing, application development and product management

WORK EXPERIENCE



IBM, Software Engineer Intern at IBM Watson and Cloud Platform June 2018-September 2018

- Developed a command-line interface(CLI) plug-in in Go for the IBM Cloud
- Implemented fundamental persistent storage features into CLI using the Amazon AWS Go SDK
- Modified the AWS Go SDK fork to support IAM-based authentication for IBM Cloud users
- CLI will allow users to interact with COS services more efficiently and have extra features such as multi-part upload/copy/download and archiving which are not provided with the UI

ANOUSH DANCE STUDIO, Software Engineer

May 2017 - September 2017

<http://www.anoushdance.com>



- Utilized Django Framework to create a application for a dance studio
- Constructed a Java program using IText5 API to generate electronic registration forms and integrate Topaz signature pad for customer signatures for electronic payment methods
- Stored customer information into AWS to expand the project to support more features
- Currently being utilized to serve 300+ customers per month

UCSD CSE DEPARTMENT, Tutor

March 2017 - September 2018



- Elaborated concepts in Object Oriented Programming, Basic Data Structures (linked list, hash table, array based stack, and balanced binary tree), Unix, Git, bash scripting, debugging tools such as gdb, and Vim commands to help students understand the material better
- Analyzed and debugged student written code to help students improve code quality

NEW LOOK SKIN CENTER, INC., Operations Manager

November 2012 – August 2016



- Implemented strong interpersonal, communication, and leadership skills to oversee operations of 70+ employees
- Monitored 400 appointments for current and upcoming days using Orchid Medical Spa Software
- Drafted a inventory tracking system reducing time spent recounting inventory by up to 200%
- Designed a price checking procedure to help the company save about \$3k-\$5k per month

PROJECTS

AUTOGRADER, Programming Team Member

March 2016 - Present

<https://autograder.ucsd.edu/>



- Autograder.ucsd.edu used by 1800+ UCSD CS students for homework grading and connecting with tutors
- Established time notification table informing tutors about their work progress using Play Framework, HTML5, CSS3 and JavaScript
- Developed news feed notification tool for students and instructors on new features and updates on website using JQuery, JavaScript CSS3, HTML5 and Play Framework

BOOK HUNTER, Programming Team Member

July 2016 – September 2016



- Developed iOS application to create book marketplace application for university students to sell and purchase books using Swift 3
- Utilized Parse Server migrated with Amazon Web Services EC2 for backend to store user and book information