

# Ejmin Mehranian

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## EDUCATION



### COMPUTER SCIENCE AND MATHEMATICS B.S

University of California, San Diego, La Jolla, CA

Expected December 2019

#### Interests:

Full stack development, cloud computing, back-end, front-end and algorithms

## WORK EXPERIENCE



### IBM, Part time Software Engineer at IBM Watson and Cloud Platform

June 2018-Present

- Developed a command-line interface(CLI) plug-in in Go for the IBM Cloud Object Storage
- 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 allows 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
- Currently the beta version is in production and it is being utilized by all IBM customers

### 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
- Currently converting project to React using Node.js, Express, Redux, MongoDB and Mongoose.
- Application is 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

- Employed 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 - September 2018

<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