Ejmin Mehranian

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EDUCATION

COMPUTER SCIENCE AND MATHEMATICS B.S   Expected June 2019
University of California, San Diego, La Jolla, CA
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 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
- Feature will allow all developers to use IBM CLI to interact with IBM cloud object storage services instead of the UI, which will allow users to save time and have more functionality such as multi part upload, multi part download and many other more useful features

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 being utilized to serve 300+ customers per month
- Storing customer information into AWS to expand the project to support more features

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