Ejmin Mehranian

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EDUCATION

COMPUTER SCIENCE AND MATHEMATICS B.S   Expected December 2019
University of California, San Diego, La Jolla, CA
Coursework:
> Basic and Advanced Data Structures with C, C++, Java • Software Engineering • Computer Organization and System Programming • Principles of Computer Operating Systems • Theory of Computation • Programming Languages • Discrete Mathematics • Design/Analysis of Algorithm • Numerical Analysis and Approximation • Statistics • Combinatorics • etc.

WORK EXPERIENCE

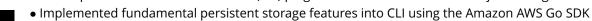**AMERICAN EXPRESS**, *Incoming Software Engineer Intern*   June 2019
- Details about the roll will be decided in the upcoming month

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 working on automating cloud object storage health checks, utilizations statistics and generating reports to find major bugs and issues in all data centers across the world.

ANOUSH DANCE STUDIO, *Software Engineer*   May 2017 - Present
http://www.anoushdance.com
- 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 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/
- Used by 1800+ UCSD CS students for homework grading and connecting with tutors
- Established time notification table informing tutors about their work progress
- Developed news feed notification tool for students and instructors on new features and updates