AMIR ASSAD

San Diego, CA 92122
(805) 630-9086
amirassad.com
amirassad1373@gmail.com

 a-amir01

 amir-assad-28a602b0

EXPERIENCE

Autograder, UCSD — *Web Developer*

January 2016 - PRESENT

- *Tasked with managing autograder.ucsd.edu, a website used by 2000+ UCSD CS students to facilitate student-tutor queues and online management of homework grading*
- *Integrated Moss(Measure of software similarity) into Autograder, designed a user-friendly interface replacing old Bash scripts and reduced the time to get the Moss results by more than 50%*
- *Email notification functionality for students working on projects*
- *Displaying student & tutor reviews on personal accounts*
- *Tools used: Java, JavaScript, Play Framework, Intellij IDEA*

UCSD, San Diego — *Tutor*

January 2016 - PRESENT

- *Tutor for Data-structures & O-O, Intro to Java Programming, Unix Lab classes, and Software Engineering*
- *Assisted students in implementations of O-O concepts (polymorphism, inheritance, abstraction, concurrency), various data structures (trees, linkedlists, stacks, hashtables), as well as in using various software tools (Git, Vim, gdb, Valgrind, Makefiles)*
- *Analyzed and debugged students' code, and clarified concepts they are working on in (Java, C, C++)*
- *Help administer midterm/final examination, validating programming assignments, and aided in preparing lab assignments*

PROJECTS

Sportify – *An Android app that connects two people who want to play the same outdoor activity*

March 2016 - June 2016

- Was recognized twice for the most contributing team member by teammates
- Used Waterfall & Agile model for designing the applications functionality
- Developed the base code, filtering, and home page which contained a list of all events
- Tools used: Java, Firebase, Android Studio

Art – A website showcasing an artist's portfolio

December 2016 - PRESENT

- Building the backend for an artist's portfolio with PayPal integration
- Tools used: Django, PostgreSQL, *Intellij IDEA*

TECHNICAL QUALIFICATIONS

- Languages: C++, C, Java, Python, Android, HTML, CSS
- OS: Linux, Unix, OS X, Windows
- Tools: Play Framework, Django, Firebase, Valgrind, GDB, vim, git, *Intellij IDEA*

EDUCATION

Bachelor of Science, Computer Science, UC San Diego (June 2018)

Courses: Advanced Data Structures, Software Engineering, Algorithm design and analysis, Probability & Statistics, Theory of Computation, prog. Languages

ATTRIBUTES

- Fluent(Speak, Read, Write) in the Farsi & English languages
- U.S. citizen