Gary Lai

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San Francisco, CA

SUMMARY:

Recent graduate seeking opportunity to further develop technical skill set while contributing in a professional environment. Experienced in object-oriented programming, problem solving, testing/debugging, and web development.

EDUCATION:

Bachelor of Science in Computer Engineering, GPA: 3.11
San Jose State University, May 2016

TECHNICAL SKILLS:

Languages: C/C++, Python, PHP, HTML, CSS, Assembly Language, Verilog
Databases: SQL, MySQL
Operating Systems: Windows, Linux
Familiar with: Amazon Web Services, LTSpice, LogicWorks

ACADEMIC PROJECTS:

IoT to Improve Modern Day Life, San Jose State University   August 2015-May 2016
- Constructed a home system that allowed appliances to be controlled and monitored locally and remotely.
- Implemented the user-interface of the website to control specific devices and monitor activity.
- Collaborated with team members to perform integration, regression, and system testing.
- Technologies used: PHP, HTML, CSS, MySQL

NFL Database, San Jose State University   December 2015
- Designed database table schemas for storing data about NFL teams and players.
- Generated an entity-relationship diagram to illustrate structure and relationship between tables.
- Developed DML statements for querying and manipulating database records.
- Technologies used: MySQL

LCD Programming, San Jose State University   May 2013
- Created a program that utilized microcontroller sensors to detect temperature, wind speed, and light intensity of the environment and displayed the results on an LCD screen.
- Technologies used: C