**David Lin**

dglin@ucdavis.edu

(916) 717-0483 Apt 94, 606 Alvarado Avenue, CA 95616

**Education**

University of California, Davis Expected 2017; Senior Standing

Bachelors of Science in **Computer Science**; Minor Economics

Major GPA: 3.89 / 4.0; GPA: 3.66 / 4.0

**University Honors Program**

**Skills**

**Programming:**

Most Comfortable: C++, C, C#, Bash, Python 2.7/3, HTML/CSS, SQL

Less Comfortable: JavaScript, Intel x86 Assembly, PHP

**Programming Tools:**

Git, C++ Boost Libraries, Flask, Xcode, Visual Studio, Boostrap, JQuery, Node.js, Socket.io

**Experience**

Center for Animal Disease Modeling and Surveillance (CADMS), Davis, CA Oct 2015 – current

**Student Programmer**

Developed a Bio-portal (web interface for users around the world to view aggregate animal disease information). Occasionally develop simple bioinformatics programs.

Travis Credit Union IT Department, Vacaville, CA Jun 2015 – Sep 2015

**Enterprise Web Development / Network Services Intern**

Contributed to the development of small enterprise software. Created a large-scale string parser that would process financial forms into .csv files. Written in C# while utilizing Git.

Suad Joseph Lab, Davis, CA Nov 2014 - current

**IT staff**

Managed and built two websites, links below. Update content and add various aesthetic changes. Developed a working knowledge of HTML, CSS, and JavaScript as well as a familiarity with several Content Management Systems.

**Projects**

**Bioinformatics Imaging Program**

Developed a program in C++, using openCV and Tesseract libraries to process large volumes of images, (juvenile bean plants grown in drought conditions) and extract bioinformatics data.

**Tutor and Tutee Queue Application**

Helped develop a web service for the Davis Computer Science Club to interface between computer science tutors and tutees. Used HTML/CSS, JavaScript, and a Python Flask server.

**Codeeval**

Solved various programming challenges, and was scored based on memory and time efﬁciency. On the main leaderboard as of 12/25/15:

26 / 6105 overall | Top 1% of developers who use C++

602 / 6105 memory usage | 748 / 6105 code speed

**Davis Code Camp**

Taught children ages 7 – 11 the MIT developed programming language Scratch

**Computing and Robotics Outreach Club, Secretary 2014**

Developed robotic challenges using Barobo Linkbots programmed in Ch

**Links:**

Github: <https://github.com/dglin>

Websites: <http://sjoseph.ucdavis.edu/> | <http://www.arabfamilies.org/>

Codeeval: https://www.codeeval.com/profile/dglin/