

# Jun Hwang

Fairfax, Virginia

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Github: <https://github.com/junhwang77/Jun-s-Repository>

AWS: <http://54.202.4.94/>

## Technical Skills

### Front-End Development

HTML5

CSS3

jQuery

JavaScript

### Languages

PHP

Python

### Databases

MySQL

SQLite

### Servers

Apache

### Frameworks

Django

CodeIgniter

Twitter Bootstrap

### Version Control

Git

### Methodology

OOP

MVC

## Full Stack Web Developer

Full stack developer, experienced in LAMP stack, Python, and front-end web development. In the process of relocating to Fairfax, Virginia. Formerly worked in the animal science field, with over 4 years of experience in team environment, finding creative solutions and improved quality of services. Seeking a new career in technology, where I can continue my passion for learning and cool technology.

## Projects

**User Dashboard App** A simple Facebook like application, allowing the users to add messages for other users, which can also be commented. Elaborate implementation of PHP in HTML to display comments joined to messages and users. Created database schema along with controllers and complex queries, both raw and framework specific, in models for fully functional app.

[https://github.com/junhwang77/user\\_dashboard](https://github.com/junhwang77/user_dashboard)

*Tech used – PHP CodeIgniter, Apache, MySQL, Twitter Bootstrap, HTML5, CSS3*

**Quotable Quotes** Application that allows users to register and login to create quotes into database and add them to their favorite list. Created database schema along with controllers and elaborate queries of joining two tables with both one-to-many and many-to-many relations, in models for fully functional app, and deployed using AWS (Amazon Web Services), within 4.5 hours for the PHP belt exam.

[https://github.com/junhwang77/quotable\\_quotes](https://github.com/junhwang77/quotable_quotes)

*Tech used - PHP, CodeIgniter, Apache, MySQL, Twitter Bootstrap, HTML5, CSS3*

**Wish List** Application that allows users to register and login, and create items and add them to their personal wish list. Displays all the users who has the selected item in their list through elaborate queries in models that interact with the controller and PHP implementation in HTML. Created database schema along with controllers and models for a fully functional app.

[https://github.com/junhwang77/wish\\_list](https://github.com/junhwang77/wish_list)

*Tech used - PHP, CodeIgniter, Apache, MySQL, Twitter Bootstrap, HTML5, CSS3*

**Travel App** A basic application that allows the user to login and create trips, which also allows other users to join in by adding it to their own trip list. All queries were made through ORM integrated in Django framework, that allows more complicated queries with fewer lines of code.

[https://github.com/junhwang77/Travel\\_app](https://github.com/junhwang77/Travel_app)

*Tech used - Python, Django, SQLite, HTML5, CSS3*

## Education

### Coding Dojo – Online

(Oct 2016 - April 2017)

### Full Stack Web Development Program, Black Belt

Completed 20 weeks online program, learning front-end development, Python stack, and LAMP stack.

### University of California, Davis

(Sept 2009 - June 2013)

### Bachelor of Science in Animal Science, Laboratory Animal emphasis.

## Other Experiences

### UC Davis Veterinary Medical Teaching Hospital – Davis, CA

(Jul 2014 – Oct 2016)

### Anatomy Lab Assistant III

-Maintained and stocked laboratory inventory using Google spread sheet.

-Worked with faculties to prepare lab classes and assist them in facilitating lab classes.

-Designed and created laboratory map layout templates and sign posters, using Photoshop.

-Researched and purchased lab equipment and chemicals that dramatically improved specimen storage and maintenance.

### Jackson Laboratory – Sacramento, CA

(Aug 2013 – July 2014)

### Animal Care Technician

-Followed strict Standard Operating Procedures for the bio-security of the rooms and mice husbandry.

-Quality checked individual mice, and packed them from inventories to be shipped out to research laboratories.

-Used Windows NT handhelds, to input data for mice birth, death, culling, disease identification, shipping, and cage transfers.

**UC Davis Larson Lab – Davis, CA**

*(Mar 2011 – Mar 2012)*

**Undergraduate Researcher / Assistant**

-Used MATLAB program to input data and conduct global analysis of the team's collected data.  
-Graphically illustrated experimented proteins (phytochromes) on Visual Molecular Dynamics software.

**UC Davis Koinonia Christian Fellowship Club – Davis, CA**

*(Aug 2009 – Present)*

**Alumni Staff Volunteer / Member**

-Actively participated in organizing on-campus events and social gatherings, including New Student Welcome Night, with attendance of 700+ new incoming UC Davis freshmen and junior transfers  
-Actively participated in hosting Project Angel Tree, Valentines Day of Compassion at the Salvation army Shelter, Convalescent Home visits and Freshmen Dorm Moo-ve in day.  
-Volunteer bassist, guitarist, drummer, sound setup crew, and cook.