

Shuyu (Susie) Zhang

[zhangs@twc.com](mailto:zhangs@twc.com)

210 479 2565

LinkedIn: [www.linkedin.com/in/zhangshuyu](http://www.linkedin.com/in/zhangshuyu)

GitHub: <https://github.com/zhangtreefish>

**Career Summary:** Microbiologist-turned instructor and course developer, I am branching into front-end web development to reach and engage students and users of the internet age.

**Skills:** Front-end development of responsive websites using HTML, CSS (including Bootstrap), and JavaScript; GitHub; Object-Oriented Programming; jQuery, HTML5 Canvas, web performance optimization focusing on Critical Rendering Path and 60FPS Rendering, Chrome Developer Tools; Blackboard Learn.

**Projects:** Turned a designer's mockup into the [semantic](#) HTML and CSS with a 2.4% mismatch; Built JASONs and add information to a html template to construct a [resume](#); Implemented a [Frogger game](#) using Object-Oriented javaScript and HTML5 Canvas; [Optimized webpages](#) through page speed analysis and 60 FPS methods

**Relevant**

**Experience:**

**Lecturer of Biology**

*Our Lady of the Lake University*

Jan 2015 - present

San Antonio, TX

**Instructor**

*Hallmark College*

June 2011 - Oct 2014

San Antonio, TX

Curriculum development and instruction of courses including Microbiology, Anatomy and Physiology, Nutrition and Wellness, Business Statistics, and Character education course Dependability.

**Postdoctoral fellow/Research Instructor**

*University of Texas Health Science Center at San Antonio*

Sept 1998 - Mar 2006

San Antonio, TX

Research in microbiology/biochemistry.

**Education:**

**Front-End Web Developer Nanodegree**

*Udacity*

June 2015

**MBA in Global Management**

*Hallmark College*

June 2014

San Antonio, TX

**Ph. D., Biological Sciences**

*University of Texas at Austin*

Aug 1998

Austin, TX

**B. Sc., Biological Sciences and Biotechnology**

*Tsinghua University*

July 1991

Beijing, China

**Publication:**

9 peer-reviewed articles

