

# TAMMY D. NGUYEN

Berkeley, California | San Francisco Bay Area  
tammynguyen@berkeley.edu | (408) 890-9626  
@tmmydngyn | tmmydngyn.com

## EXPERIENCE

### CS 61A Undergraduate Student Instructor | June 2015 – present

*UC Berkeley EECS Department, Berkeley, CA*

- Teach computer science topics (recursion, abstraction, etc.) in Python, Scheme, SQL.
- Develop and revise lab assignments, discussion handouts, and exam questions.
- Facilitate group work in and out of class to encourage teamwork and peer instruction.
- Maintain resources website containing topic guides and practice problems.

### Residence Hall Math Tutor | August 2015 – present

*UC Berkeley Residential & Student Service Programs, Berkeley, CA*

- Conduct tutoring sessions for undergraduate math classes at residence hall academic centers.
- Instill practical and efficient studying and learning techniques in students.
- Individualize teaching methods to target a wide array of students' needs.
- Foster a safe and inclusive environment for a diverse group of students.

### Head Student Manager | October 2014 – June 2015

*University of California Women's Basketball, Berkeley, CA*

- Streamlined practices and other team functions for coaches and players and managed equipment.
- Collaborated with the director of operations to prioritize and delegate tasks to my team.
- Assisted in recording practices and games and distributing information to various social media.

## EDUCATION

### University of California, Berkeley | August 2014 – May 2018 (expected)

*Intended B.A. in Computer Science (3.91 GPA)*

*Relevant courses (\* in progress):*

- Structure and Interpretation of Computer Programs (Python)
- Data Structures (Java)
- Machine Structures/Computer Architecture (C, MIPS)\*
- Discrete Math, Probability Theory\*

## PROJECTS

### seedLET (MeteorJS) | October 2015

*HackingEDU Hackathon, [view: seedlet.meteor.com](http://seedlet.meteor.com), [source: github.com/tmmydngyn/seedlet](https://github.com/tmmydngyn/seedlet)*

Developed JS backend for social network site hack connecting underprivileged students to mentors in their field of interest. First experience building a dynamic web application.

### CS61A Resources Website (Jekyll, HTML, CSS, Javascript) | August 2015

*[view: tmmydngyn.com/cs61a-resources](http://tmmydngyn.com/cs61a-resources), [source: github.com/tmmydngyn/cs61a-resources](https://github.com/tmmydngyn/cs61a-resources)*

Created and organized guides and practice-problems for 61A in a user-friendly static site that maximizes learning efficiency for students.

### Personal Website (HTML, CSS) | July 2015

*[view: tmmydngyn.com](http://tmmydngyn.com), [source: github.com/tmmydngyn/tmmydngyn.github.io](https://github.com/tmmydngyn/tmmydngyn.github.io)*

Experimented with HTML and CSS to present my professional details aesthetically.

### Gitlet (Java) | April 2015

*UC Berkeley, CS 61B (Data Structures)*

Designed and developed from scratch a small-scale version control system based on Git that saves/restores files and manipulates branches via the command line.

## TECHNICAL SKILLS

*Languages: Python, Java, Scheme, SQL, HTML, CSS, C, Javascript, MIPS.*

*Frameworks: Jekyll, Bootstrap, MeteorJS.*

*Other: LINUX, Git, Photoshop*