

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

Proficient/Familiar

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

Frameworks: Jekyll, Bootstrap, MeteorJS, Flask.

Other: UNIX, Git, Photoshop.