

TAMMY D. NGUYEN

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EXPERIENCE

CS 61A Undergraduate Student Instructor | June 2015 – present

UC Berkeley EECS Department, Berkeley, CA

- Instruct discussion and lab sections and hold office hours.
- Develop and revise lab assignments, discussion handouts, and exam questions.
- Introduce students to computer science topics (recursion, abstraction, etc.) in Python, Scheme, SQL.
- Facilitate partner and group work during class to encourage teamwork and peer instruction.
- Maintain resources website containing topic guides and practice problems (tmmydngyn.com/cs61a).

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

Personal Website (HTML, CSS, Javascript, Markdown) | July 2015

view: tmmydngyn.com, **source:** github.com/tmmydngyn/tmmydngyn.github.io

- Built a website to consolidate my professional details and showcase upcoming projects.
- Organized CS 61A resources in a user-friendly site to maximize learning efficiency for students.

Gitlet (Java) | April 2015

UC Berkeley, CS 61B (Data Structures)

- Designed and developed a small-scale version control system based on Git from scratch.
- Built support for commands that save/restore files and manipulate branches via the command line.

SKILLS

Proficient: Python, Java, HTML. | *Experienced:* UNIX, Git, Scheme, SQL, C, MIPS, CSS, Photoshop.

Non-technical: teaching, public speaking, team building, social media, Spanish, Vietnamese