

KAYDEN MIMMACK

2640 Portage Bay E Apt 22
Davis, CA 95616
(919) 525-6294
kjmimmack@gmail.com
Portfolio: mimmackk.github.io

EDUCATION

× University of California, Davis

June 2020

Master of Science in Applied Mathematics

- Coursework emphasis on Numerical Analysis
- Graduate Student Association Representative

× Tufts University

May 2018

Bachelor of Science in Applied Mathematics

- Summa Cum Laude
- Meritorious Winner: 2017 Mathematical Contest in Modeling
- Coursework emphasis on Computer Science

EXPERIENCE

× University of California, Davis

Davis, CA

June 2019 – August 2019

Associate Instructor in Mathematics

- Taught 50-student undergraduate course in Linear Algebra
- Designed syllabus, lectures, homework, and exams
- Graded assignments and held weekly office hours

× Tufts Observer Student Magazine

Medford, MA

January 2015 – May 2018

Multimedia Director

- Lead a team of students in designing and developing bi-weekly web applications for featured articles using HTML, CSS, and JavaScript
- Utilized data visualization tools such as Chart.js and D3
- Integrated single-page applications with WordPress-hosted website

× Tufts Office for Campus Life

Medford, MA

August 2016 – May 2018

Yearbook Designer

Headed creative design and layout for yearly 60-page publication

× University of California, Santa Barbara

Santa Barbara, CA

June 2017 – August 2017

Undergraduate Mathematics Researcher (NSF REU)

- Researched conditioning of linearizations in the family $DL(P)$ in computing eigenvalues and eigenvectors of matrix polynomials
- Coded, optimized, and analyzed numerical experiments in MATLAB
- Wrote and presented 30-page research paper detailing results

SKILLS

× Python

× MATLAB

× C/C++

× HTML

× CSS

× JavaScript

× Git

× Linux

× LaTeX

× Adobe InDesign

× Adobe Illustrator

× Adobe Photoshop