

Max Thrush Hukill

510-542-1997 | https://github.com/mhukill/Max_Hukill.CV | maxhukill@gmail.com

EDUCATION

Bowdoin College

Brunswick, ME

Bachelor of Arts in Biochemistry and Mathematics

Aug 2017 - May 2021 (intended)

- Bowdoin Faculty Scholar, Sarah and James Bowdoin Scholar
- Cumulative GPA: 3.91

The College Preparatory School

Oakland, CA

High School Diploma

Aug 2013 - Jun 2017

- Spanish Award, Inducted into the National Cum Laude Society, Commendation AP Chemistry, National Merit Program Commended Student
- Cumulative GPA: 3.95

RESEARCH (see GitHub page)

Bowdoin College

Brunswick, ME

Professor of Mathematics Jack O'Brien,

Mar 2020-Present

- Various projects, centered around development of Bayesian statistical models, bioinformatic data management, and novel data visualization techniques. Currently preparing two distinct projects in computational animal ethology for journal publication

Professor of Chemistry Benjamin C. Gorske, Peptoid Laboratory

Aug 2018-Dec 2018

- Using solution-phase organic chemistry, designed, synthesized, and analyzed biomimetic thiopeptoids targeting the WW binding domain relevant to cancer and Alzheimer's pathways

Kaiser Oakland Hospital

Oakland, CA

Perioperative Clinic (PIs: R. Yelandi MD, S. Sarafian MD)

Summer 2019

- Pioneered a quality improvement project seeking to improve patient care experience through early educational intervention in the perioperative clinic. Administered Mini-Cog delirium screening tool, provided education to patients and families, and conducted extensive interviews. Workflow currently being implemented region-wide.

Office of Hospital-Based Medicine Student Internship (PIs: L. Virk MD, Y. Lee MD)

Summer 2018

- Worked with hospitalists and Lean Methodology project managers to increase hospital discharge efficiency. Conducted extensive patient and physician interviews, developing "The Discharge Card" in various cycles.
- Conducted chart review investigation of children with autism spectrum disorder through the Kaiser East Bay Pediatric Rehabilitation, Speech Pathology office

VOLUNTEERING/WORK EXPERIENCE

Oakland Education Fund Community Tutor

Oakland, CA

Virtually tutored Spanish-speaking elementary school students

Sep 2020-Present

Bowdoin College Calculus Teaching Assistant

Brunswick, ME

Conducted review session for college calculus students

Aug 2019-Dec 2019

REAL School Mentor/Tutor

Brunswick, ME

Designed and taught science lessons, mentored untraditional high school students

Fall 2018-Fall 2019

Cook! Culinary Programs

Emeryville, CA

Cooking Instructor/Head Intern

Summers of

2013 - 2017

- Cooked and cleaned in a commercial kitchen, instructed students on culinary techniques and recipes, working in both one-on-one and group settings. Supervised and instructed other interns

SKILLS & INTERESTS

Languages: fluent in Spanish, advanced in R statistical software and LaTeX, exposure to STAN and Microsoft Office

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Activities: President of Bowdoin Bridge Club, classical piano, organizes weekly film viewings and board game sessions

PUBLICATIONS

- M.Hukill, R. Yelandi MD, J. Thrush MD, S. Sarafian MD. *The Delirium Screening and Education Program improves patient care experience in the perioperative medicine clinic*. Poster presented at: KP East Bay Academy of Medical Educators Research & Scholarship Symposium (2019), Oakland, CA.
- M.Hukill, M.Hutheesing, Y. Lee MD, C. Vijay MD, L. Virk MD. *Impact of a communication tool on patient care experience of hospital discharge: a thematic analysis of patient care education and agency in the discharge process*. Poster presented at: KP East Bay Academy of Medical Educators Research & Scholarship Symposium (2018), Oakland, CA.