

Dante Buhl

PERSONAL INFORMATION

University of California Santa Cruz,
Department of Engineering,
Santa Cruz, CA, 95064
Address: [Personal Website](#)

Citizenship: U.S.A
Date of Birth: 27th November 2001
E-mail: dbuhl@ucsc.edu

RESEARCH INTERESTS Fluid Dynamics, Dynamical Systems, High Performance Computing, Machine Learning, PDE based research

EMPLOYMENT

University of California Santa Cruz

Department of Applied Mathematics UCSC, Santa Cruz, California, USA
Teaching Assistant: September 2023 – Current.

Towson University REU

Department of Mathematics, Towson, Maryland, USA
Research Assistant: June 2023 – August 2023

University of California Santa Cruz

Learning Support Services, Santa Cruz, California, USA
Peer-Group Tutor: September 2022 – June 2023.

EDUCATION

Masters of Science (August 2023-Current)

Major: Scientific Computing and Applied Mathematics; Thesis: Fluid Dynamics
Department of Applied Mathematics, Santa Cruz, California, USA

Bachelors of Arts (September 2020-June 2023)

Major: Mathematics; GPA: 3.74; Graduated with highest honors in the major
Department of Mathematics, Santa Cruz, California, USA

TEACHING EXPERIENCE

Math 19A (TA: Fall 2023, Peer-Group Tutor: Fall 2022): Calculus for Science, Engineering, and Mathematics

Math 11A (Peer-Group Tutor: Winter-Spring 2023): Calculus with Applications

AWARDS AND RECOGNITIONS

Next Gen. Scholars in Applied Mathematics UC Santa Cruz Applied Math Dept. 2023. \$20,000

Directed Reading Program UC Santa Cruz Mathematics Dept., Winter 2023

T&LC Graduate Pedagogy Fellowship, UC Santa Cruz \$500

LANGUAGES AND
OTHER ACTIVITIES

Intermediate Spanish
Secretary and Member of Slugs United by Mathematics Math Club (2022-current)
Proficient in Fortran, Python, Matlab, Java, and Excel.

REFERENCES

Pascale Garaud,
Chair of Applied Mathematics Dept.,
Professor of Applied Mathematics,
University of California Santa Cruz,
606 Engineering Loop
Santa Cruz, CA 95064

Herve Nganguia,
Assistant Professor of Mathematics,
Towson University,
7800 York Road
Towson, MD 21252

Chris Edwards,
Professor of Ocean and Earth Sciences,
University of California Santa Cruz,
Earth and Marine Sciences Building, 447
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