

# William Arnold

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## EDUCATION

University of California, Berkeley, College of Engineering Class of 2021  
Bachelor of Science – Electrical Engineering and Computer Science  
GPA: 4.0

*With a focus on*  
Machine Learning  
Computer Security

## EXPERIENCE

Santana 22 — *Raven*

Berkeley Yacht Club, CA

*Skipper, Trimmer, Tactician*

*February 2013 — current*

- What I learned to sail on.
- Logged 700+ hours aboard, at least 500 of which racing, and skippered 25 races amounting to around 90 hours.
- Skippered in up to gale force 7 conditions, crewed in up to gale force 8.

Officer — Cal Sailing Team

Treasure Island Sailing Center, CA

*Skipper, Crew*

*August 2018 — current*

- Competed in a J/22 slalom race as Bowman against Stanford on the Cal Varsity boat in Big Sail 2018 at the St. Francis Yacht club.
- Competed in the Frosh-Soph college regatta on Mission Bay in San Diego as crew in FJs.
- Manage the team website.

Express 37 — *Snowy Owl, Eclipse*

Richmond Yacht Club, CA

*Main, Headsail, and Spin Trimmer, Bow*

*July 2018 — current*

- Competed in Express 37 Nationals at the Berkeley Yacht Club, mainly as headsail trim and spinnaker trim.

## SKILLS

Advanced Prototyping and Fabrication

*August 2017 — current*

Sailed FJs at Treasure Island Sailing Center and competed in Pacific Coast Conference Regattas. Was bowman for the Varsity boat in Big Sail 2018 against Stanford in J/22s at St Francis Yacht Club. Held racing tactics and sailing physics lessons for team members.

CS70 Discreet Math and Probability Theory — Tutor and Grader

*August 2018 — current*

Tutored undergraduates taking discreet math and probability theory (CS70) at UC Berkeley, providing better insight into topics such as Galois Fields, Countabililty, and Computability. Additionally, graded homework.

## SKILLS AND RELEVANT COURSES

Android Development

Project Management

Efficient Algorithms

Discreet Math

Data Analysis

Distributed Computing

Machine Structure

Honors Linear Algebra

Machine Learning

Probability Theory

Systems and Controls

Circuit Design