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Wil Louis Rothman

Computer and Data Science Student

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ABOUT ME



Hi, I am William "Wil" Louis Rothman. I am a UC Berkeley second-year undergraduate double majoring in Computer Science and Data Science. I am from Los Angeles, California, but I am willing to travel and to relocate!

SKILLS

Programming	Python, Java, C, C++, SQL
Data Science	NumPy, Pandas, Matplotlib, Seaborn, Scikit Learn, R, Tidyverse, ggPlot
Graphics	CGL
Systems	RISC-V, Signals, Verilog
Theory	Discrete Mathematics, Linear Algebra Multivariable Calculus, Probability Differential Equations, Mathematical Notation
Technologies	Pycharm, IntelliJ IDEA, CLion, Jupyter Notebooks, VSCode, RStudio, Overleaf
Other	HTML, \LaTeX

EDUCATION

B.A., Computer Science and Data Science Aug 2025
University of California, Berkeley Berkeley, California

- **Program:**
 - Computer Science Major, Data Science Major
 - Applied Mathematical Modeling Domain Emphasis
 - College of Computing, Data Science, and Society (CDSS)
- **Grades:**
 - 3.9 CS GPA, 3.9 Overall GPA
- **Awards:**
 - Honors to Date (Fall 2022, Spring 2023, and Fall 2023)
 - Berkeley Undergraduate Scholarship

High School Diploma Jun 2022
Calabasas High School Calabasas, California

- **Grades:**
 - 4.2 weighted GPA, 3.8 unweighted GPA
 - 35/36 ACT with 11/12 essay
- **Awards:** Salutatorian
 - AP Scholar with Distinction
 - California State Seal of Biliteracy in Japanese
 - LVUSD Tutoring Proclamation
- **Activities:** President of 3 clubs

EXPERIENCE

Academic Intern Aug 2023 — Dec 2023
UC Berkeley CDSS Berkeley, California

- Fall semester position for UC Berkeley's Data C8: Foundations of Data Science
- Facilitated weekly laboratory sections, taught weekly discussions, held office hours for 3 projects, and tutored.
- Taught a Data Scholars section of 25 students.

Data Project Fellow Jan 2023 — May 2023
Berkeley Hillel Berkeley, California

- Worked in a small team of 6 other data science students to analyze over a decade's worth of engagement information
- Worked in Python and Jupyter notebooks.

Barista Aug 2021 — Aug 2022
Starbucks Calabasas, California

- Cashier at Starbucks in the Commons shopping mall
- Direct communication with fellow partners and customers

VOLUNTEERING

Golden Bear Orientation Leader Feb 2023 — Aug 2023
UC Berkeley New Student Services Berkeley, California

- Led 30 freshmen on activities such as Bear Pact (SVSH training), Day in the Bay (a trip to SFMOMA), and a tour of the dining halls.

Mathematics Tutor Aug 2020 — Jun 2021
Las Virgenes Unified School District Calabasas, California

- Elementary school math tutor for my high school's NHS.

Connecting with Teens Volunteer Aug 2020 — Jun 2022
Connecting a Caring Community Calabasas, California

- Humanitarian aid in the San Fernando Valley

Lil Ranchers Camp Counselor Jun 2019 — Aug 2019
Leonis Adobe Museum Calabasas, California

- Camp counselor at Leonis Adobe Museum, Calabasas's most historic building