

Daniel D. Ortega

danieldorf77@gmail.com | 949-383-7787

Education

Yale University – New Haven, CT

2018 – 2022 (expected)

Prospective BS in Computer Science and Mathematics

Tesoro High School – Las Flores, CA

2014 – 2018

Honors Algebra 2/Trigonometry (8th grade) 2013-2014

Saddleback Community College

Fall 2017

Math 3C – Multivariable Calculus

Work and Volunteer Experience

Cluster Technician Coordinator – Student Technology Collaborative

February 2019 – present

Yale University, New Haven, CT

- Overseeing all shifts of Cluster Technicians on campus, contacting appropriate resources to resolve computer errors, issuing warnings to Cluster Technicians not fulfilling job requirements, and collaborating daily with other Coordinators to ensure that computer clusters are adequately maintained.

Teaching Assistant – CS50

May 2019 – June 2019

Yale University, New Haven, CT

- Delivered key insights to over thirty students taking CS50 - Introduction to Computer Science - during open office hours held twice a week. Held weekly meetings and lunches related to coursework, and graded problem sets in C, Python, HTML, CSS, and JavaScript.

Cluster Technician – Student Technology Collaborative

October 2018 – February 2019

Yale University, New Haven, CT

- Supported and maintained cluster computers on campus, including ones in residential colleges, public clusters, and other departmental clusters to ensure that everyone on Yale's campus always had access to printing.

Math Instructor – Mathnasium

August 2015 – August 2018

Rancho Santa Margarita, CA

- Tutored and mentored students in kindergarten through the 12th grade to learn, catch up, and get ahead in math. Taught all math subjects up to and including AP Calculus and AP Statistics.

CORE Group Leader – St. Timothy's Catholic Church

September 2016 – August 2018

Laguna Niguel, CA

- Guided teens through their first year of the sacrament of Confirmation, including planning weekly programs, going on retreats with a small group, and meeting with other leaders in Youth Ministry.

Technical Proficiencies

Programming Languages

Most confident in Java and C - also proficient in Python, HTML, CSS, JavaScript, Lisp, and Racket. Able and ready to learn new languages.

Microsoft Office

Including Word, PowerPoint, Excel, and Outlook.

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Achievements

Merit Awards

- 2018 National Merit Scholarship Semifinalist – 12th Grade
- 2018 U.S. Presidential Scholars Program Candidate – 12th Grade

Torch of Excellence Awards, Tesoro High School

- Math Department Plaque, AP Physics Medal Award, AP Composition English Certificate – 11th Grade (May 2017)
- AP Calculus BC Medal, AP Chemistry Medal, Honors English Certificate, AP European History Certificate – 10th Grade (May 2016)
- Honors Pre-Calculus/College Math Certificate – 9th Grade (May 2015)

Orange County High Schools Math Meet, Orange Coast Community College

- 1st Place Team (Competition Math Circle), 2nd Place Individual – 11th Grade

American Mathematics Competition (AMC) National Exam

- Math Champion - Highest student score at Tesoro High School for AMC 10 – 10th Grade
- Math Champion - Highest student score at Tesoro High School for AMC 10 – 9th Grade

ACS National Chemistry Exam, Orange County American Chemical Society

- Outstanding Chemistry Student 2016 – highest test score for Honors Chemistry - 11th Grade

Activities

Club Ultimate Frisbee, Yale University

- 2nd place at Metro East Regionals (May 2019)
- 4th place at Atlantic City 9 (March 2019)
- 6-2 record in Lemony Fresh Fall Classic (September 2018)

Intramurals, Yale University

- 1st place in Ping Pong, IM Champions representing Pauli Murray College (October 2018)
- 2nd place in Dodgeball (March 2019)

Varsity Boys Tennis, Tesoro High School

- Lettered in Varsity Tennis (2014-2018)
- Tesoro Academic Scholar Athlete (2014-2018)
- Varsity Team Captain (2018)
- CIT Pacific League Varsity Champions (2017)
- CIF Sea View League Finalist – 2nd place Boys Doubles (2016)

- Sea View League Varsity Champions (2015)
- Sea View League Individual Champion - Jr. Varsity Boys Singles (2015)
- Jr. Varsity Captain - voted MVP (2015)

Other Activities – Tesoro High School

- Cubing Club – founding member and president, taught students how to solve a Rubik’s cube and held monthly tournaments. (10th – 12th grade)
- Competition Math Circle – helped students prepare for the AMC test; Treasurer 10th, 11th and 12th grade.
- Daily Nova Blog Website - writer and contributor (10th – 12th grade)
- String Ensemble – played as 1st chair viola (9th grade)