

FRANCIS P. DRAKE

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EDUCATION

University of Notre Dame , Notre Dame, IN	May 2026
BA, Computer Science & Economics Teaching Assistant, Systems Programming	3.95 GPA
Academic Magnet High School , North Charleston, SC	June 2022
Notable Achievements: 1520 SAT AP Capstone Diploma Recipient AP Scholar with Distinction (2021, 2022)	5.32 GPA
Varsity Tennis Team Captain & MVP 2x sportsmanship award recipient Spanish National Honor Society President	

WORK & CLUB EXPERIENCES

Gnosis Freight , Charleston, SC	May 2024 - August 2024
<i>Backend Software Engineer Intern</i>	
<ul style="list-style-type: none">Leveraged cloud computing technologies to manage resources effectively with a focus on monitoring CPU and memory usage, in addition to contributing to database management, API development, and data ingestion algorithmsInnovated a comprehensive carbon emissions tracking system for > 2M containers, providing visibility into customers' environmental impact, and developed an algorithm to measure vessel ETA accuracy, improving predictive accuracy by 15%	
Student International Business Council , Notre Dame, IN	September 2023 - December 2023
<i>Microsoft Travel Team Analyst</i>	
<ul style="list-style-type: none">Created a pitch and prototype for an AI productivity application to present at Microsoft headquarters along with 5 other team members, working specifically on system design, customer base, and market analysis	
Caregiver , Santa Teresa, Costa Rica	June 2023 - August 2023
<ul style="list-style-type: none">Managed schedule, daily chores, and proper care of a young child while residing with the family 7 days a weekCoordinated activities, meals, and transportation, involving communication with the parents and others often in Spanish	
Notre Dame Club Tennis , Notre Dame, IN	August 2022 - Present
<i>Vice President</i>	
<ul style="list-style-type: none">Play top spot in singles and mixed doubles, run competitive practice twice a week, and as a freshman led the team to qualify and place 3rd out of 64 teams at the national tournament, the best finish in program history	
Federal Reserve and Fiscal Challenge Club , Notre Dame, IN	August 2022 - May 2023
<i>Member</i>	
<ul style="list-style-type: none">Engineered monetary and fiscal policy solutions to lower the national debt to GDP ratio, focusing on education-related policy to decrease high school dropout rates and lower debt by 4 pp, meeting 1-3 times a week	
Mercantile & Mash , Charleston, SC	May 2022 - August 2022
<i>Front of House Employee</i>	
<ul style="list-style-type: none">Boosted customer satisfaction by 20% through effective roles as cashier, barista, busser, and food runner in a fast-paced restaurant environment, and reduced service time through error management and efficiently handling multiple responsibilities	
VOLUNTEERING	
Special Olympics , Charleston, SC	July 2021 - Present
<i>Volunteer Tennis Instructor</i>	
<ul style="list-style-type: none">Created drills to improve technical strokes & tactical gameplay while encouraging both camaraderie and competition in playing points & unified doubles for 20 athletes weekly in the summer; introduced a new influential drill for the athletes referred to all as "The Francis Drill"	
Leukemia and Lymphoma Society , Charleston, SC	November 2020 - March 2021
<i>Teammate of Team Conquering Cancer, Student of the Year Campaign Winner</i>	
<ul style="list-style-type: none">Raised over \$100,000 as a team, and alone raised \$1000 in a single day which led to being named team member of the week through effective communication with businesses & professionals to secure sponsorships, auction items, & personal donations	
Ronald McDonald House , Charleston, SC	May 2017 - March 2020
<i>Volunteer Baker</i>	
<ul style="list-style-type: none">Coordinated volunteer efforts to cook and prepare meals for 70 families as a 5 person team, leading grocery runs and dividing tasks in addition to organizing a supply drive for 150 hygienic necessities for the families	

SKILLS & INTERESTS

Skills - Python & C Programming | SQL | FastAPI | Analytical Writing | Customer Service | Conversational Spanish

Interests - Surfing | John Donne & Metaphysical Poetry | Yoga | The Bridge Radio Station | Cooking | HBO's *The Bear*