

# FRANCIS P. DRAKE

(843) 973-2708 | [fdrake@nd.edu](mailto:fdrake@nd.edu) | [www.linkedin.com/in/francis-drake](https://www.linkedin.com/in/francis-drake)

## EDUCATION

<b>University of Notre Dame</b> , Notre Dame, IN	<b>May 2026</b>
BA, Computer Science & Economics	3.93 GPA
<b>University of St Andrews</b> , St Andrews, Scotland	<b>May 2025</b>
International Semester Abroad Programme, Faculty of Arts	<i>Deans' List</i>

## WORK EXPERIENCE

<b>SSA &amp; Company</b> , New York, NY	<b>June 2025 - August 2025</b>
<i>Business Analyst Intern</i>	
<ul style="list-style-type: none"><li>Led efforts in data cleansing and process mining analysis to understand bottlenecks and inefficiencies to unlock \$6 million in operational savings for insurance firms and private equity portfolio companies</li><li>Active member of the applied solutions team designing KPI trackers for clients and internal NLP applications</li></ul>	
<b>Notre Dame Department of Computer Science &amp; Engineering</b> , Notre Dame, IN	<b>August 2024 - December 2024</b>
<i>Systems Programming Teaching Assistant</i>	
<ul style="list-style-type: none"><li>Hosted office hours 3x/week to provide 1-on-1 support for students and contributed to a 90% pass rate on assessments</li></ul>	
<b>Gnosis Freight</b> , Charleston, SC	<b>May 2024 - August 2024</b>
<i>Backend Software Engineer Intern</i>	
<ul style="list-style-type: none"><li>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 algorithms</li><li>Innovated a comprehensive carbon emissions tracking system for &gt; 2M containers, providing visibility into customers' environmental impact, and developed an algorithm to measure vessel ETA accuracy, improving predictive accuracy by 15%</li></ul>	
<b>Caregiver</b> , Santa Teresa, Costa Rica	<b>June 2023 - August 2023</b>
<ul style="list-style-type: none"><li>Managed schedule, daily chores, and proper care of a young child while residing with the family 7 days a week</li><li>Coordinated activities, meals, and transportation, involving communication with the parents and others often in Spanish</li></ul>	
<b>Mercantile &amp; Mash</b> , Charleston, SC	<b>May 2022 - August 2022</b>
<i>Front of House Employee</i>	
<ul style="list-style-type: none"><li>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 task delegation</li></ul>	

## CLUBS & VOLUNTEERING

<b>Notre Dame Club Tennis</b> , Notre Dame, IN	<b>August 2022 - Present</b>
<i>President</i>	
<ul style="list-style-type: none"><li>Play top spot in singles and mixed doubles, lead competitive practice twice a week, manage financials and team trips, 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</li></ul>	
<b>Special Olympics</b> , Charleston, SC	<b>July 2021 - July 2024</b>
<i>Volunteer Tennis Instructor</i>	
<ul style="list-style-type: none"><li>Created drills to improve technical strokes &amp; tactical gameplay while encouraging both camaraderie and competition in playing points &amp; unified doubles for 20 athletes weekly in the summer</li></ul>	
<b>Student International Business Council</b> , Notre Dame, IN	<b>September 2023 - December 2023</b>
<i>Microsoft Travel Team Analyst</i>	
<ul style="list-style-type: none"><li>Created a pitch and prototype for an AI productivity application to present at Microsoft headquarters along with 5 other team members, working individually on system design, customer base, and market analysis</li></ul>	
<b>Federal Reserve and Fiscal Challenge Club</b> , Notre Dame, IN	<b>August 2022 - May 2023</b>
<i>Member</i>	
<ul style="list-style-type: none"><li>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</li></ul>	

## SKILLS & INTERESTS

*Skills* - Python | C | SQL | Linux | FastAPI | Microsoft Office | Analytical Writing | Customer Service | Conversational Spanish  
*Interests* - Surfing | John Donne & Metaphysical Poetry | Yoga | The Bridge Radio Station | Cooking | HBO's *The Bear*