

Lucas DiGiuseppe

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EDUCATION

University of Michigan, Ann Arbor, MI

August 2022 - May 2026

Bachelor of Science in Computer Science

GPA: 4.00/4.00

Relevant Coursework: Data Structures and Algorithms, Multivariable/Vector Calculus, Linear Algebra, Statistics/Probability, Programming and Introductory Data Structures, Discrete Mathematics, Intro to Micro/Macroeconomics

EXPERIENCE

BRIGHTVIEW LANDSCAPING

May 2024 - Present

Software Engineering Intern

Ann Arbor, MI

MICHIGAN INVESTMENT GROUP - QUANT

Feb 2024 - Present

Quantitative Developer

Ann Arbor, MI

- Utilize Python to develop asynchronous order book simulator, enabling tracking and management of buy and sell order matching, effectively simulating market forces on a digestible and scalable platform
- Actively participate in education sessions covering options theory, stock market fundamentals, programming principles, and poker theory, enhancing foundational knowledge and practical quantitative finance skills

KAPPA THETA PI

Jan 2023 - Present

Push-2-Prod Committee Lead, Director of Community Service

Ann Arbor, MI

- Manage and direct committee for members to work on personal projects in web/app development, facilitate resource allocation necessary for each project, ensure timely completion through structured deadlines and check-ins
- Organize and lead volunteering events including blanket making socials and fundraisers, foster environment of philanthropy and bonding through service for each member of the organization
- Identify and resolve software issues in organization's mobile app, design Figma mockups for potential improvements, building coding skills and brainstorming methods to increase app efficiency

INFORMATION AND TECHNOLOGY SERVICES

Feb 2024 - Present

Tech Consultant

Ann Arbor, MI

- Dissect and analyze software issues encountered on customer's devices, provide detailed and precise solutions tailored to needs of individual through dynamic troubleshooting and efficient communication
- Facilitate intake for repair for diverse range of hardware problems, maintain well-organized schedule to consistently meet turnaround time expectations and ensure maximum customer satisfaction

NOBE CONSULTING - UNIVERSITY OF MICHIGAN

Jan 2023 - Dec 2023

Technical Analyst

Ann Arbor, MI

- Identified relevant datasets for bioinformatics company, condensed multiple large and diverse sets into digestible portfolios, allowing client to easily identify and access most relevant metadata for project
- Researched multiple database organization strategies including machine learning, web-scraping, and tagging, ultimately preparing a proposal for improving university library's translation network search engine
- Collaborated with library staff over an eight week period through weekly meetings and emails, presented client three potential solutions segmented by price range to provide options tailored to different levels of budget availability

PROJECTS

- **Letterman (2024)** - developed algorithm to read in dictionary of up to 4500 entries and calculate the shortest path between any two words in the using only entries in the dictionary, optimizing pathfinding accuracy and efficiency
- **Post Classification (2023)** - trained program to analyze word usage and identify most likely topic of search posts, correctly labeling over 70% out of over 2000 test posts after initial training
- **2k Statistics Tracking (2021)** - designed program that tracked players' stats over course of season, calculated career averages and awards while displaying data that game couldn't provide

ADDITIONAL

- Skills: C++, Python, HTML, CSS, Figma, Flutter, Tableau, SQL
- Programs/Positions: ODESI Research Lab, Michigan Build and Launch, University Mentorship Program, Undergraduate Research Opportunity Project (UROP), Korean American Student Association (KASA)
- Interests: Chelsea, Seattle Seahawks, movies, skiing, playing soccer, exploring the Pacific Northwest through hiking, and backpacking, making music about educational topics, cooking Asian cuisine