

Gilberto Guadiana

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EDUCATION

Northwestern University, Evanston IL

Bachelor of Science in **Mechanical Engineering**,

Anticipated June 2022

Master of Science in **Computer Science**

Anticipated June 2022

Cumulative GPA: **3.737/4.000**

Honors: Questbridge Match Scholar, The Gates Scholarship Scholar, Greer Scholar

Coursework: Mechatronics, Robotic Manipulation, Feedback Systems, Artificial Intelligence Programming, Data Structures & Algorithms, Computer Systems, Generative Methods, Creative Machine Learning

EXPERIENCE

McCormick Summer Research Fellowship, *Mentored by CS Prof. Kate Compton* June 2021 - September 2021

Blockchain Software Development Research Intern, Remote

- Researched non-fungible token (NFT) utility with a focus on digital artwork made collaboratively.
- Developed an app for artists to create and manage turn-by-turn NFT art collaborations and an app for groups to draw together and mint their creations as NFTs by using Ethereum, Solidity, JS, Python.

Blockchain Group at Northwestern

President, Evanston, Illinois

May 2019 - Present

- Direct an executive team of 8 people that organizes industry speaker talks, engagements, and club projects for the Northwestern blockchain community and the club's 20 active members.
- Work with club partners and members to design conceptual and technical blockchain solutions.

TU Dortmund University, *Mentored by Tan Garpinar, Enterprise Logistics Chair*

Supply Chain (SC) Blockchain Researcher, Remote

June 2020 - September 2020

- Evaluated academic blockchain solutions for SC management through a systematic literature review.
- Developed a comparison of blockchain platforms and recommendations for choosing a platform based on the concrete needs and characteristics of the supply chain system.

Northwestern Compass Mentorship Program

Mentor, Evanston, Illinois

June 2020 - May 2021

- Mentored 3 First Generation and Low Income (FGLI) first-year students through biweekly one-on-one meetings and ran workshops that helped 22 FGLI students better navigate Northwestern.

Goodfellas Pizzeria Pleasant Ridge

Kitchen Associate, Cincinnati, Ohio

July 2020 - August 2020

- Worked with kitchen staff to deliver a high quality dining experience by making/cooking/packaging food, greeting/ringing up customers, and maintaining an organized, clean kitchen and dining area.

GoGo Social Marketing Firm

Cryptocurrency Social Media Content Creator, Remote

March 2021 - July 2021

- Wrote content for a crypto hedge fund to grow their Facebook page from 1200 to over 3000 likes.
- Trained another content creator to source content ideas and write posts for engaging marketing copy.

PROJECTS

Jack in a 2D Box Simulation, Engineering Modeling, Northwestern

December 2020

- Modeled the collisions of a jack in a box from a bird's-eye view using Lagrangian mechanics.
- Visualized the behavior of the system through a 2D simulation using Python.

ACTIVITIES

Committee Member, Academic Committee for Slivka Residential College

March 2019 - Present

Member, Northwestern Track Club

July 2018 - Present

SKILLS

Language: Adept reading, writing, and speaking in Spanish.

Computer: Functional skills in JS, Python, C, C++, MATLAB, NX CAD, Solidworks, Microsoft Suite, Solidity.