

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 December 2022

Cumulative GPA: **3.737/4.000**

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

Coursework: Mechatronics, Electronics Design, Mechanical Design and Manufacturing, Feedback Systems, Data Structures & Algorithms, Computer Systems, Generative Methods, Human Computer Interaction

EXPERIENCE

Blockchain Group at Northwestern

President, Evanston, Illinois

May 2019 - Present

- Direct an Executive Team of 9 people that organizes industry speaker talks, engagements, and club projects for the Northwestern blockchain community and the club's 20 active members.
- Organize and contribute to the club's Research Group that identifies and analyzes real-world use cases of blockchain technology and writes articles on their findings with the help of project mentors.
- Co-lead the club's Consulting Team that focused on NFT art and business monetization and onboarding.

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

Undergraduate Blockchain Researcher, Remote

June 2020 - September 2020

- Evaluated the current status of academically-proposed blockchain systems solutions for supply chain 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 social events to help them navigate Northwestern.
- Developed and ran workshops that focus on building community and empowering 22 FGLI students.

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

Cryptocurrency Social Media Content Creator, Remote

March 2021 - Present

- 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.

TEAM PROJECTS

Gearbox Transmission Design, Mechanical Design, Northwestern

March 2020 - June 2020

- Designed and presented a transmission gearbox using Siemens NX CAD. The design includes a bill of materials, 2D CAD drawings, and rationale for fits and tolerances while meeting GD&T standards.

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 C, C++, Python, JS, MATLAB, NX CAD, Solidworks, Microsoft Suite, Solidity.