

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 2023

Cumulative GPA: **3.735/4.000**

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

Coursework: Mechatronics, Feedback Systems, Electronics Design, Mechanical Design and Manufacturing, Data Structures & Algorithms, Computer Systems, Functional Programming, 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.

Northwestern's Computer Science Department

Peer Mentor for Intro to Computer Programming, Evanston, Illinois

January 2020 - June 2020

- Led tutorial sessions, for 14 students, to review fundamental concepts from lecture and helped students actively engage with the material in small groups.
- Hosted office hours and taught practices for planning, writing, and debugging code.

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.

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.

Northwestern Compass Mentorship Program

Mentor, Evanston, Illinois

June 2020 - Present

- Mentor 3 First Generation and Low Income (FGLI) first-year students through biweekly one-on-one meetings, social events, and group activities during workshops to help them navigate Northwestern.
- Facilitate and develop workshops that focus on building community and empowering 22 FGLI students.

TEAM PROJECTS

Mechanical Design and Manufacturing

Gearbox Transmission 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.
- Worked with Professors Ehman and Beltran to meet industry drafting and geometric dimensioning and tolerancing (GD&T) standards for proper manufacturing.

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.