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: **3.735/4.000**
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.