

Kevin Mendoza Tudares

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EDUCATION

Northwestern University, Evanston, IL

Robert R. McCormick School of Engineering and Applied Science

June 2022 (anticipated)

Bachelor of Science in Computer Science,

GPA: 3.909/4.000

- *Relevant coursework*: Data Structures, Algorithms, Discrete Math, Human-Computer Interaction
- *Upcoming coursework*: Systems, Machine Learning, Databases

Round Rock High School, Round Rock, TX

May 2018

GPA: 3.988/4.000

TECHNICAL SKILLS

Programming Languages: Java (6 years), Python (2 years), C++, C#, C, HTML/CSS/JavaScript, Racket (Scheme)

Other tools/skills: MATLAB, Git, Linux, PostgreSQL, SQL, Cassandra, Scripting, Docker

Languages: English (fluent), Spanish (proficient)

WORK EXPERIENCE

Argonne National Laboratory, Lemont, IL

June 2019 - August 2019

Data Science Research Intern

- Developed PostgreSQL database and data management software using Python for preexisting and incoming measurement data from more than 100 sensor nodes in the Chicago area.
 - Formulated basis of a machine learning calibration model for correcting temperature sensor error (reduced error by nearly 60%) from nodes in Chicago with Python.
 - Visualized and analyzed environmental sensor data to identify phenomenon in urban environments and presented findings to over 30 other researchers.
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LEADERSHIP

National Society of Black Engineers

October 2018 - Present

- Served as Pre-College Initiative Chair by working to inspire younger students towards academic excellence and enthusiasm pursuing STEM degrees and careers.
- Encouraged and maintained relationships between collegiate and junior chapters through outreach and volunteering for local events benefitting younger students in Chicago.

Society of Hispanic Professional Engineers

October 2018 - Present

- Served as Secretary by managing members, events and advertising while collaborating closely with president and vice president officers for executive tasks.
- Maintained ease of operations at both executive and general meetings, as well as presented and promoted events and opportunities at general meetings with over 20 attendees.

Northwestern University Robotics Club

September 2018 - Present

- Collaborated in a team of 4 students to design and construct an operating task-oriented robot for the Midwest Robotics Design Competition in less than 2 months.
- Coordinated strategies and applied rapid problem solving and prototyping on personal projects involving computer vision and virtual reality.