

Michelle Kelman

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EDUCATION

The University of Texas at Dallas, Richardson, TX

Expected Graduation May 2023

Bachelor of Science in Computer Science

- GPA: 3.971
- Computing Scholars Honors Program – Competitive Honors Computer Science Program at UTD
- Association of Computing Machinery – Education Mentor Program Mentee Fall 2020

RELEVANT COURSES

Discrete Mathematics
Software Engineering

C/C++ in UNIX
Database Systems

Data Structures and Algorithms
Operating Systems Concepts

CERTIFICATIONS

- Amazon Web Services Certified Cloud Practitioner Certification *May 2021*
- Cisco Certified Entry Networking Technician *May 2019*

SKILLS

- **Programming languages:** Java, Python, C++, C, JavaScript, HTML, CSS, SQL
- **Tools and Frameworks:** Git, Github, PyTorch, Dask, NodeJS, React
- **Familiar languages:** English, Spanish, Russian

WORK EXPERIENCE

- **Capital One – Technology Internship Program** *June 2022 – August 2022*
 - Developed a custom distributed charCNN machine learning model with Dask and PyTorch
 - Implemented out-of-memory data loading from Snowflake to AWS S3 using SQL, Dask, and CUDA
 - Researched bigger-than-memory computations in collaboration with other interns and management
- **National Autism Association of North Texas – Website Manager** *March 2021 – Present*
 - Maintained website including newsletter, calendar, and blog
 - Acquired quarterly articles and presentations related to the special needs community
 - Generated new ideas related to technology and media to improve outreach
- **Math and SAT/ACT Tutor** *January 2020 – Present*
 - Assessed strengths, weaknesses, and learning styles of students to effectively write curriculum
 - Strengthened students' understanding of relevant topics, including advanced test taking strategies
 - Motivated students to learn through engaging lessons and positive learning environments
- **My Possibilities – Intern** *June 2019 – August 2019*
 - Plano Mayor's Summer Internship Program 2019 – competitive high school internship program
 - Performed routine office tasks to assist administration
 - Aided instructors with lessons and activities during classes

VOLUNTEER EXPERIENCE

- **National Autism Association of North Texas** *August 2015 – Present*
 - Facilitated Autism Social Groups with 10 individuals with disabilities
 - Assisted with setup and organization of informational meetings and organization events
 - Supervised 30+ volunteers at events with over 100 people

HONORS AND AWARDS

- **UTD Axxess Scholarship Recipient** *Fall 2021*
- **Dean's List – UTD Office of Undergraduate Education** *Spring 2021, Fall 2021, Spring 2022*