

Megan McAdams

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EDUCATION

BS in Computer Science | Expected in Dec 2023

University of North Texas (GPA: 3.64)

WORK EXPERIENCE

Software Engineering Intern – Bank of America | Jun 2023 - Aug 2023

- Created solutions for 4 projects and pushed 3 to production as a part of an intern team
- Reviewed over 100 imported modules to effectively refactor a program run hundreds of times a day, eliminating 2 minutes of runtime

Student Assistant - UNT Student Accounting | Mar 2021 - Jun 2023

- Improved tuition & fee validation for over 40,000 accounts by coding a program in Python, increasing the accuracy of validation and reduced time frame from a week minimum to 30 minutes
 - Analyzed email data and created reports utilizing spreadsheets and formulas
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EXTRACURRICULARS

President & Founder - UNT Computer Science Club | Apr 2021 - Present

- Recruited 300+ members
- Led and organized 15+ meetings per semester, including coding and career guidance workshops

President - UNT Women in Computing | Aug 2021 - Jan 2022

- Partnered with companies for opportunities and guest speakers
 - Collaborated with organizations to create an educational and empowering environment
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PROJECTS

Wikipedia Clone (Python/HTML/CSS/JavaScript) | Jun 2023

- Uses Python Flask and Google Firestore
- Allows for account creation and session management
- Users can edit, create, add permissions for, and navigate pages

Tuition Validation (C++/Python) | Mar 2022

- Accurately validates over a half a billion dollars in university revenue throughout the academic year
 - Interprets and utilizes pseudocode instructions to determine which students receive which charges
 - Takes less than 10 seconds to calculate expected amounts for over 40,000 student accounts
 - Originally written in C++ but later rewritten in Python
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AWARDS

- UNT Golden Eagle Award (Spring 2023)
- Outstanding Junior in Computer Science (Spring 2022)
- Outstanding Student Employee of the Year (Spring 2022)
- UNT Eagle Excellence Award (Fall 2019 - Spring 2023)
- UNT President's List (Spring 2020, Spring 2022, Spring 2023)