

# Megan McAdams

(469) 422-3634 | contact@meganmcadams.com | www.meganmcadams.com

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## EDUCATION

**BS in Computer Science | Expected in Dec 2023**

University of North Texas (GPA: 3.65)

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## 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)