

## Lydia Clarke

<https://www.linkedin.com/in/lydia-clarke-bb1513195/>

clarke.lydia@mcm.edu | Location: Austin, TX | Please Contact by Email for phone number

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### **EDUCATION**

McMurry University | Abilene, TX      Expected Graduation: May 2021  
Bachelor of Science (Honors)      Majors: Computer Science, Mathematics  
Overall GPA 4.0  
Dean's List 4 Semesters  
Classification: Senior

Coastal Bend College | Beeville, TX      Graduation: May 2018  
Associate of Science      Phi Theta Kappa  
Overall GPA 4.0  
Dean's List 4 Semesters

### **SOFTWARE EXPERIENCE:**

- Java (Compiler: Eclipse)
- C Programming (Compiler: Visual Studio and ConTEXT)
- Python
- MySQL
- CSS
- HTML
- Adobe XD
- Microsoft Office Suite

### **Fall 2020/Spring 2021 COURSES:**

- Data Structures
- System Analysis and Design
- Information Security
- Software Engineering
- Operating Systems
- Numerical Analysis with Computer Applications
- Organization of Programming Languages
- Honors Research (Senior Thesis)

### **WORK EXPERIENCE**

User Experience Design Intern

IBM | Remote

(June 2020 – July 2020)

- Worked on an assigned incubator project with four other interns where we focused on user research, wireframing, prototyping, and designing visuals for presenting

Student Tutor

(August 2019 – Present)

McMurry University | Abilene, TX

- Tutor in Java, C programming, Calculus 1 & 2, Linear Algebra, ODE, College Algebra, and Discrete Math

Cashier (June 2018 – August 2019)

Dunkin Donuts | Cedar Park, TX

- Provided quality customer service by handling payments and making customer orders

Grader/Learning Assistant (May 2018 – May 2019)

Best Brains Learning Center | Austin, TX

- Assisted teachers by providing individual help for kids (Pre k – 12th) who were struggling to focus in class or struggling to grasp concepts being taught.

Student Tutor (Jan 2018-May 2018)

Coastal Bend College | Beeville, TX

- Tutored students in College Algebra, Calculus and Business Computer Information Systems

### **LEADERSHIP AND INVOLVEMENT**

- President of McMurry Mathematics Club (2020-present)
- Vice President of McMurry Mathematics Club (2019-2020)
- NJCAA Coastal Bend College Softball Team (2016-2018)
- Softball Team Captain for Coastal Bend College (2017-2018)
- Coastal Bend College Team Captains Committee (2017-2018)
  - Team captains from every sport met with the Athletic Director at least once a month to talk about improvements for student athletes at Coastal Bend College and activities to get student athletes more involved in the community

### **HONORS AND AWARDS**

- Outstanding Junior in Mathematics at McMurry University (2019)
- Second Place at MAA Conference Mathematics Bowl (2019)
- Academic All American for Softball at Coastal Bend College (2018)
- Pitcher of the Year for Coastal Bend College Softball team (2017-2018)
- Scholastic Leadership Roll - for maintaining 4.0 GPA for 4 semesters (2016-2018)
- Excellence in College Algebra at Coastal Bend College (2017)
- Most Improved Player for Coastal Bend College Softball Team (2016-2017)
- Joe Barnhart Transfer Scholarship (2018-present)
- Phi Theta Kappa Scholarship (2018-present)
- Trustees Honors Scholarship (2018-present)
- Knowles III GBHEM Scholarship (2019-present)
- Maroon Pride Scholarship (2019-present)
- Martin Trust Honors Scholarship (2018-present)