**Molly Isaac**

I am a rising junior at WashU studying Computer Science, with a focus in cyber security, and Arabic. I am seeking an internship or co-op for Summer 2021 or the Fall 2021 semester.

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**EDUCATION**

**Washington University in St. Louis University of Missouri in St. Louis**

Majors: Computer Science, Arabic Course: Programming Languages

GPA: 3.99 Grade: 4.0

Expected Graduation: May 2022 Summer 2020

**Arab American Language Institute in Morocco (AALIM) St. John’s School, Houston, TX**

Intensive Arabic language course GPA: 98.06

GPA: 4.0 Diploma May 2018

Summer 2019

**TECHNICAL SKILLS AND COURSEWORK**

Programming Languages: Proficient – Java, C++; Beginner – C, Python, Racket, Prolog, HTML

Selected Coursework: Data Structures and Algorithms, Object Oriented Software Development, Introduction to Systems Software, Introduction to Computer Security with a Capture the Flag Studio

**PROJECTS**

**Personal Website**

* Built from scratch using HTML and CSS, and hosted with GitHub Pages
* <https://mollyisaac.github.io/molly-isaac/index.html>

**Tic Tac Toe and Gomoku in C++**

* Developed both games as two player games that will be ask each player to alternatively take turns until a player wins, the game is a draw, or either player quits
* Implemented using object-oriented programming and polymorphic inheritance

**PROFESSIONAL EXPERIENCE**

**Teaching Assistant for Data Structures and Algorithms for Fall 2020**

* Meets with group of six students weekly to facilitate studios on new material
* Hosts office hours where any student in the course can seek help on projects

**Calculus Residential Peer Mentor – August 2019 to Present**

* Hosts six tutoring hours weekly in dorms for students in Calculus II
* Incorporates homework help, concept understanding, and test preparation for students with different learning styles

**Campaign Intern for Wesley Hunt – July 2020 to Present**

* Analyze national security issues and political topics pertaining to Texas’ 7th Congressional District
* Compose three briefs every week to inform the campaign staff on major issues and raise new issues that affect the district

**Finish Line Sports Youth Run Camp Coach – July 2017 and 2018**

* Coached youth run camp for ages 6 to 18; ran with runners and encouraged them through morning workouts three times a week throughout the month of July

**Lego Camp Counselor – June 2016, 2017, and 2018**

* One of two student counselors who oversaw the summer camp program; assisted elementary students with building Legos, writing a script, and filming a movie for a final presentation

**ACADEMIC ACHIEVEMENTS AND AWARDS**

* Washington University Dean’s List  
  Fall 2018: 3.94 GPA and 16 credits Spring 2019: 4.0 GPA and 18 credits  
  Fall 2019: 4.0 GPA and 18 credits Spring 2020: 4.0 GPA and 17 credits
* St. John’s School Gold Presidential Community Service Award (2014-2018)  
  263 hours 9th grade, 326 hours 10th grade, 449 hours 11th grade, 334 hours 12th grade
* St. John’s School H. Scott Caven III Memorial Scholarship (2018)  
  One of two highest awards at St. John’s School, awarded for a passion for learning, teamwork, good sportsmanship, humility, compassion for others, positive attitude, integrity strong work ethic, and a drive for excellence in academics, athletics, and leadership

**EXTRACURRICULAR ACTIVITIES, LEADERSHIP, AND VOLUNTEERING**

* ESL Tutor at Maplewood Richmond Heights High School (January to March 2020)
* Army ROTC (Spring 2019)
* WashU Run Club member (2018-2020)
* Community Service Officer (2014-2018), St. John’s School Varsity Track and Field (2015-2018, Captain 2018), International Club Co-President (2016-2018)
* Cross Country Assistant Coach (2015-2017)
* Volunteer Project Leader for Special Olympics (2015, 2017-2018), Lower School Books and Breakfast (2015-2018), Care Bags for the Homeless (2016-2018), Kindergarten Science (2016-2018), and Birthday Party Project (2015-2018)