

Emma Haeussler

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OBJECTIVE

Creative, industrious, and collaborative mathematics and computing student searching for an entry level position in the field of software development.

EDUCATION

Texas A&M University, College of Science and College of Engineering, College Station, TX Expected: May, 2022

Majors: B.A Mathematics, B.A Computing / Minor: Applied Learning in STEM

Cumulative GPA: 3.76/4.00

Relevant Coursework: Applied Algebra, Computer Organization, Data Structures and Algorithms (C++), Differential Equations, Discrete Structures for Computing, Intro to Program Design and Concepts (C++), Linear Algebra, Principles of Statistics I, Math Probability, Programming Languages (Scheme and Java)

Honors/Awards: Lechner Scholar, Jim and Betty Sitton Award Recipient, Dean's List

EXPERIENCE

Lockheed Martin Aeronautics Company, Fort Worth, TX

June 2021 - *Present*

Software Engineering Intern

- Programmed several test scripts that automated the manual tests performed in functional testing that ultimately helped to improve the efficiency, accuracy, and traceability of the team's functional testing process
- Participated in the Agile software development methodology including contributing to Daily Stand-Ups, Story Completion, PI Planning, and Retrospectives
- Supported the conducting of User Acceptance Testing that validated configurations applied to software under testing

Texas A&M Academic Success Center, College Station, TX

Aug 2020 – Dec 2020

Supervisor Assistant,

- Consolidated and analyzed data to help make informed decisions on best tutoring practices
- Worked closely with supervisor in assisting and supporting other tutors
- Assisted in training and mentoring of new tutors

Texas A&M Academic Success Center, College Station, TX

Mar 2018 – Dec 2020

StudyHub Tutor,

- Communicated effectively with students on abstract and difficult topics in STEM courses (Calculus, Physics, Computer Science)
- Guided students to find solutions on their own and become more effective learners

LEADERSHIP & AFFILIATIONS

Grace Bible Church, College Station, Texas

Aug 2019 – Present

Student Leader,

- Led a group of student volunteers that served Grace Bible Church and the Bryan/College Station Community
- Directed students to efficiently set up and tear down for Sunday Mornings

Impact Ministries, College Station, TX

Jan 2019 – Dec 2020

Counselor,

- Guided freshmen Texas A&M students as they transitioned into college life

Freshmen Reaching Excellence in Engineering, College Station, TX

Aug 2018 – May 2019

Peer Help and Tutor Program Counselor,

- Mentored freshmen engineering students to develop good study practices and find success

Other Affiliations: Wind Symphony Member (Aug 2017-May2018), Hullabaloo Pep Band Member (Aug 2017-Present)

SKILLS

Technical Skills: C++, Java, Python, Microsoft Applications (Excel, Word, PowerPoint). GUI Test Automation (implemented with Sikuli). Object Oriented Programming. Intermediate in, HTML, CSS, Javascript.

Soft Skills: Effective Communication, Leadership, Creative Problem Solving