

Amber Klepser

School Address:
505 W 22nd Street
Austin, TX 78705

amberklepser@utexas.edu
713-557-1070

Permanent Address:
2637 Mixville Road
Sealy, TX 77474

Education:

Bachelor of Science, Electrical and Computer Engineering, 2016-2020

The University of Texas at Austin

Minor: McCombs School of Business- Business Foundations Program

Cumulative GPA: 3.88

Sealy High School, Sealy, TX, 2012-2016

Graduated Salutatorian-Distinguished Honors

GPA: 4.82

Academic Projects:

Customer Relationship Management (CRM) System– Class: Software Design and Implementation

- Wrote an inventory and CRM system for a hypothetical small business in C++
- Updated inventory for new shipments, processed purchases made by customers, and printed summary of inventory for each product and number of purchases made

Design a Personal Webpage – Class: Foundations of IT Management

- Designed a personal website using web development languages HTML and CSS
- Published my website to the internet using Altvista's web hosting servers

Brick Breaker Video Game Design Project – Class: Introduction to Embedded Systems

- Created a version of Brick Breaker on Texas Instruments Tiva C Series Launch Pad
- Written in C and Arm Assembly
- Wrote code for ADC input, DAC output, periodic timer interrupts, and graphics for LCD display

Experience:

Coach, Sealy Little Spikers Volleyball Camp, 2013-2016

- Instructed girls on the fundamentals and skills of volleyball
- Assisted head coach with camper registration and drills

Worker, Sealy Hoops Basketball Camp, Summers of 2012, 2013, & 2014

- Calculated tabs and managed money
- Supervised concession stand during camp
- Selected by camp director for job

Skills:

Knowledge of ARM Assembly, C, C++, Java, Python, LabView, MATLAB, Eclipse

Knowledge of Web Development languages: HTML and CSS

Familiar with Data Science/Analysis tools: SQL and Gephi software

Knowledge of Windows and Linux Operating Systems

Basic understanding of Android app development tools: Android Studio and XML

Proficient in Microsoft Word, Excel, and PowerPoint

Activities/Honors:

Honor, Cockrell School of Engineering Scholar Award, 2018

Honor, University Honors List, Fall 2016, Spring 2017, Fall 2017, Spring 2018

Recipient, UT Presidential Scholarship, 2016-2020

Member, Society of Women Engineers, 2016-Present

Member, Women in Engineering Program, 2016-Present

Recipient, Houston Livestock Show and Rodeo Scholarship, 2016-2020

Distinguished/Honor Grad, Sealy High School Salutatorian, 2016

Recipient, AP Scholar with Distinction Award, 2016

Member, Sealy High School National Honor Society, 2014-2016

Member, Sealy High School Student Council, 2012-2016