

Emery Boettcher

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EDUCATION

Trinity University, San Antonio, TX

Expected May 2023

Bachelor of Science in Computer Science

Computer Science GPA: 3.96 | Cumulative GPA: 3.87

SKILLS

Programming Languages: C/C++, Scala, Python, Haskell, SQL

Environments/Applications: Visual Studio, Vim/Vi, GitHub, Microsoft Suite, Google Suite, MySQL

RELEVANT COURSEWORK

Principles of Computer Science I & II

Calculus I & II

Discrete Structures

Principles of Data Abstraction

Low-level Computing

Principles of Functional Languages

Principles of Computer Design

Artificial Intelligence

WORK EXPERIENCE

Assistant Store Manager, Remember Me Too, Fredericksburg, TX

May 2020 - Present

- Managed the store from 1 day to 2 weeks at a time, conducting day-to-day operations
- Provided quality customer service to 100+ customers daily while processing orders by phone
- Ensured accurate transactions of up to \$8000 daily and made bank deposits of up to \$3000

PROJECTS

Checkers Game-Solver, Functional Languages

Nov 2020 - Dec 2020

- Worked with a group of four to develop a two-player Checkers game in Haskell, displaying the game board with ASCII characters and reading input through the command line
- Implemented a game-solver algorithm to determine which player would win the game based on the current game state and provide the moves necessary in order to win

Galaga Space Game, Principles of Computer Science II

Feb 2020 - May 2020

- Developed a fully-functioning one-player video game in Scala with randomly moving enemies and a feature that allows the player to rewind the game

LEADERSHIP & ACTIVITIES

Student-Athlete, Trinity University Varsity Softball Team

Sep 2019 - Present

Treasurer, Trinity University Women in Computing

Aug 2020 - Present

Member, Trinity University Spurs Sorority

March 2021 - Present

AWARDS

Trinity University Murchison Scholarship

Aug 2019

Trinity University Dean's List

May 2020, May 2021