

Thomas Lauerman

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EDUCATION

Trinity University San Antonio, TX

May 2021

Bachelor of Science in Computer Science, Cumulative GPA: 3.5

SKILLS

Programming Languages: Swift, C, C++, C#, Java, Scala, HTML, CSS, Objective-C, XML

Operating Systems: MacOS, iOS, Unix, Windows

Environments: Xcode, Eclipse, Microsoft Visual Studio, Unity

Applications: Unix command line, Apple iWork suite, Adobe Photoshop, Microsoft Office suite

RELEVANT COURSEWORK

Principles of Functional Languages, Principles of Data Abstraction, Principles of Computer Science I & II, Low-Level Computing, Mobile Application Development, Video Game Design, AP Computer Science II, Computer Science I

EXPERIENCE

CONETFUR | San Antonio, TX

October - December 2018

Principles of Functional Languages, Trinity University

- Programmed a command-line solver for Connect Four written in Haskell
- Collaborated in four-person group using GitHub as source control
- Applied functional programming patterns to model, play and solve Connect Four

Palette: colorful puzzles | Frisco, TX

June 2017 - August 2018

Personal Project

- Developed a 2D, touch-based puzzle game for iOS written in Swift
- Designed, programmed, distributed and maintained independently
- Researched common app architecture and optimization practices
- Amassed 3.82K downloads and a 4.6 / 5 star rating on the App Store as of January 2019

Jumpman Dan | Frisco, TX

April - May 2017

Mobile Application Development, Frisco High School

- Developed a 2D, single-player, side-scrolling platformer game for iOS written in Swift
- Utilized Apple's SpriteKit library for physics and tile-based level design
- Chosen by instructor to be presented to a panel of local game/app developers

Marketing Representative | Plano, TX

July 2016 - February 2017

CUTCO Cutlery

- Identified and assisted clients, set appointments, and made sales
- Recorded over \$6,000 of product sales in one 3-month period
- Acquired professional experience with patience, communication, and presentation skills

CAMPUS INVOLVEMENT

Student-Athlete | San Antonio, TX

August 2017 - February 2018

NCAA Division III Swim Team, Trinity University

AWARDS

Trinity University Trustee's Scholarship

August 2017