

Thomas Lauerman

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EDUCATION

Trinity University San Antonio, TX | Class of 2021

Bachelor of Computer Science

Minor in Mathematics

April 2018

Major GPA: 4.0 | Cumulative GPA: 3.385

SKILLS

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

Operating Systems: MacOS, iOS, Unix, Windows

Environments: Xcode, Eclipse, Microsoft Visual Studio

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

RELEVANT COURSEWORK

Principles of Computer Science I & II, Low-Level Computing, Mobile Application Development, Video Game Design, AP Computer Science II, Computer Science I, Calculus I & II

EXPERIENCE

Epoch Principles of Computer Science II, Trinity University January - April 2018

- 3D, first-person, multiplayer maze navigation game project
- Leveraged the Java RMI library to transfer game data over a network
- Utilized the ScalaFX wrapper for JavaFX to create an intuitive GUI

MUDFLAPS Principles of Computer Science II, Trinity University January - April 2018

- Text-based MUD (multi-user dungeon) game project
- Utilized Java Sockets to transfer game data over a network
- Parsed custom XML file to store world data

Jumpman Dan Mobile Application Development, Frisco High School April - May 2017

- 2D, single-player, side-scrolling action platformer project for iOS
- 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

Zoo Day Mobile Application Development, Frisco High School February - March 2017

- Narrated, interactive children's book project for iOS using SpriteKit
- Animated and added sound effects to still images provided by the book's illustrator

Marketing Representative CUTCO Cutlery, Plano, TX July 2016 - February 2017

- Position involved identifying and assisting clients, setting appointments, making sales
- Personal sales record of over \$6,000 of products in one 3-month period
- Afforded professional experience with patience, communication, and presentation skills

CAMPUS INVOLVEMENT

Varsity Swim Team Member, Trinity University

August 2017 - February 2018

AWARDS

Trinity University Trustee's Scholarship

August 2017