

# Thomas Lauerman

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## EDUCATION

**Trinity University** San Antonio, TX

May 2021

Bachelor of Science in Computer Science, Cumulative GPA: 3.56

## SKILLS

**Programming Languages:** Javascript, Scala, Java, Swift, Python, C, C++, Haskell

**Operating Systems:** MacOS, iOS, Linux, Windows

**Environments:** Visual Studio Code, Xcode, Vim, Eclipse, Visual Studio, Unity

**Applications:** Command line, Figma, Sketch, Microsoft Office suite

## RELEVANT COURSEWORK

Software Engineering, Mobile App Development, Graphics, Algorithms, Principles of Data Abstraction, Big Data & Machine Learning, Artificial Intelligence, Theoretical Computer Science, Functional Languages, Low-Level Computing, Video Game Design, Competitive Programming

## EXPERIENCE

**Software Engineering Intern** | Frisco, TX (Remote)

May - August 2020

Google

- Adapting to an unfamiliar tech stack quickly after project change due to pandemic
- Creating Tensorflow model predicting whether a dish is high/low calorie based on its name
- Taking initiative to suggest adding visualization of the ML model within original timeframe

**Mobile App Development Intern** | San Antonio, TX

May - July 2019

GaitIQ

- Utilized Agile techniques to efficiently collaborate with co-workers
- Designed a cross-platform, multi-screen tablet application interface in Sketch
- Transformed design into a fully-functioning React Native application to demo for investors

**ACM Computer Science Tutor** | San Antonio, TX

January 2019 - Present

Trinity University

- Mentor freshman and sophomore students in foundational Computer Science concepts
- Assist tutees in planning, coding and debugging multifaceted software projects
- Act as Head Tutor (since January 2020), including hiring and training new tutors

**Palette: colorful puzzles** | Frisco, TX

June 2017 - August 2018

Personal Project

- Developed a 2D, touch-based puzzle game application for iOS written in Swift
- Designed, programmed, and uploaded to the App Store independently
- Researched common app architecture and optimization practices to ensure scalability

## CAMPUS INVOLVEMENT

**ACM Vice President & Head Tutor** | San Antonio, TX

January 2020 - Present

Association of Computing Machinery, Trinity University

**Cat Feeder** | San Antonio, TX

August 2019 - Present

Cat Alliance, Trinity University

## AWARDS

**Trinity University Trustee's Scholarship**

August 2017