

# Laird Stewart

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## Education

### Georgia Institute of Technology

Bachelor of Science in Computer Engineering, GPA: 4.0

Atlanta, GA

Aug 2021 – May 2023

### Emory University

Bachelor of Science in Applied Math and Statistics, Economics Minor, GPA: 3.9

Atlanta, GA

Aug 2018 – May 2023

## Skills

**Languages & Software:** Java, Python, R, MATLAB, SQL, BigQuery, SQL Server, Stata, Excel, LaTeX

**Relevant Courses:** Object Oriented Programming, Data Structures and Algorithms, Computational Modeling, Numerical Analysis, Discrete Math, Partial Differential Equations, Digital System Design, Intro Circuit Analysis

**Honors & Awards:** Eagle Scout, OAE Economics Honor Society, Emory Dean's List Fall 2020/Spring 2021

**Extracurriculars:** Club Basketball, ZBT, Fitness/Weightlifting, Blitz Chess, Hiking and Backpacking, Acoustic Guitar

## Experience

### Equifax

Atlanta, GA

*Data Science Intern*

May 2021 – Aug 2021

- Rebuilt a household clustering product worth \$1.4M in 2020 revenue using machine learning, R, and embedded SQL
- Cut the annual update of this product from 3-months to 1-week by automating the ML model and statistical analysis
- Collaborated with product manager to shape operations, customer guide, strategy, and engineering product decisions

### Wells Fargo

St. Louis, MO (Virtual)

*Wealth and Investment Management Intern*

Jul 2020 – Aug 2020

- Built and updated discounted cash flow valuation models for 10+ U.S. equities using SEC filings and my own research
- Learned the basic accounting, finance, and excel skills from scratch to conduct this research and build these models
- Contacted 30 clients and updated asset and liability data to streamline future touchpoints with their financial advisor

### Emory University

Atlanta, GA

*Peer Tutor*

Jan 2019 – May 2020

- Held 50-minute, 1-on-1 tutoring sessions in linear algebra and introductory logic for Emory undergraduate students
- Assessed each student's position and goals for the course to tailor a lesson and extracurricular plan for their success
- Obtained a Level 2 tutor certification through the College Reading and Learning Association Tutor Training Program

## Projects

### Society for Industrial and Applied Mathematics

Atlanta, GA

*Undergraduate Research Publication*

Apr 2020 – Apr 2021

- Led a team of four undergraduates to place first among 10 entries in a COVID-19 modeling competition at Emory
- Defined a system of differential equations and modeled them in Python to simulate the effect of a drug or vaccine
- Coordinated communication between the team and journal editors during the revision of the 21-page manuscript

### ERASE Child Trafficking

Atlanta, GA

*First Place Team - Master Modeler Competition 2021*

Feb 2021 – Mar 2021

- Executed a data science project with a teammate to provide insights into ERASE Child Trafficking's Facebook outreach
- Built linear regression and random forest classification models in Python to identify the attributes of successful posts
- Presented an executive summary of the project and 6 data driven recommendations to increase Facebook engagement

### Alpha Kappa Psi

Atlanta, GA

*New Member Education Committee*

Sep 2019 – May 2021

- Programmed a nine-week orientation to teach personal and professional development to 20 potential new members
- Prepared lesson plan with accompanying slide deck on presentation and public speaking skills for future orientations
- Raised \$650+ during a 48-hour fundraising challenge for the Dekalb Animal Shelter alongside a team of four brothers