Henry Laird Stewart

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EDUCATION

Georgia Institute of Technology
BS in Computer Engineering, GPA: 4.0

Atlanta, GA
Aug 2021 – May 2023

Emory University
BS in Applied Math and Statistics, Minor in Economics, GPA: 3.9

Atlanta, GA
Aug 2018 – May 2023

Kent Denver
High School Diploma

Denver, CO
Aug 2014 – May 2018

WORK EXPERIENCE

ZenVR   **Atlanta, GA**
4th Employee   Jun 2022 – Sep 2022
Seed-stage startup building a platform to teach meditation in VR; began as HCI master's research at Georgia Tech
- Introduced the team to the lean startup methodology, designed experiments to test "leap of faith" assumptions
- Lead retail investor outreach prior to the seed fundraising round and developed a user research sourcing pipeline

Schlage   **(Remote) Carmel, IN**
Product Management Intern   May 2022 – Aug 2022
- Conceived and designed a Power BI dashboard tracking metrics of 600k smart locks to inform product strategy
- Conducted an investigation into low "auto-lock" feature usage; led user research and improved feature design
- Deprioritized WearOS app based on market research and user data, repositioning 12+ weeks of engineering labor

Equifax   **Atlanta, GA**
Data Science Intern   May 2021 – Aug 2021
- Overhauled a segmentation product of 130M U.S. households worth $1.4M 2020 revenue with machine learning
- Automated the 3-month annual update of this product with R, embedded SQL, and random forest classification
- Collaborated with PM to shape decisions about the user guidebook, strategy, engineering, and product roadmap

Wells Fargo   (**Remote) St. Louis, MO**
Wealth and Investment Management Intern   Jul 2020 – Aug 2020
- Built 10+ discounted cash flow valuation models for public U.S. companies using SEC data and personal research
- Self-taught fundamental accounting, finance, and Excel skills to conduct this research and to build financial models
- Contacted 30 clients to update their asset and liability data, streamlining future touchpoints with their advisor

Semple Brown Architecture   **Denver, CO**
Architecture and Planning Intern   Mar 2018 – Apr 2018
- Learned Sketchup and designed a hallway cubby storage system installed in Kent Denver School's remodeling
- Consulted for the teams working on CU Boulder's and Kent Denver's renovations from the perspective of a student
- Modeled a new art studio at CU Colorado Springs to optimize workspace, accessibility, storage, and expandability

EXTRACURRICULARS

Contextual Computing Group (CCG)   **Georgia Tech**
Undergraduate Researcher   Aug 2022 – Present
CCG develops wearable and ubiquitous computing technology, studying accessibility and human-computer interaction
- Replaced hard-coded settings with dynamic user input in our head-worn display simulator to streamline research
- Conducted a pilot study (n=12) to identify optimal caption width for real-time captioning on head-worn displays
- Oversaw our study's statistical analysis in Python and worked with a multidisciplinary team to draft a manuscript

Alpha Kappa Psi Business Fraternity   **Emory University**
Alpha Chi   Sep 2019 – May 2021
- Programmed a nine-week orientation to teach personal and professional development to 20 new members
- Prepared lesson plan and course resources on presentation and public speaking skills for future orientations
- Raised $650+ during a 48-hour fundraising challenge for the Dekalb Animal Shelter with a team of four brothers

Undergraduate Mathematics Research   **Emory University**
"SIR Model of Time-Dependent Drug and Vaccine Distribution on COVID-19"   Apr 2020 – Apr 2021
- Led four multidisciplinary undergraduate students to place first in an Emory COVID-19 modeling competition
- Defined a system of differential equations and modeled them in Python to simulate drug and vaccine deployment
- Directed technical communication between team and journal editors during revision of the 21-page manuscript

ERASE Child Trafficking   **Atlanta, GA**
Data Science Consulting Competition   Feb 2021 – Mar 2021
- Placed first in a month-long data science competition hosted by Emory to help grow ERASE's Facebook outreach
- Built linear regression and random forest models on 2500+ posts in Python to explore features driving engagement
- Presented a 10-minute summary to ERASE on how to increase their engagement using 6 data-driven suggestions

Office for Undergraduate Education   **Emory University**
Linear Algebra Tutor   Jan 2019 – May 2020
- Tutored 10+ Emory undergraduates through 50-minute 1-on-1 sessions in linear algebra and introductory logic
- Assessed each student's history and positioning to tailor the lesson, help set goals, and build a semester-long plan
- Obtained a Level 2 tutor certification from the College Reading and Learning Association Tutor Training Program

LEADERSHIP AND COMMUNITY SERVICE

Metro Caring - Hunger Relief Program   **Denver, CO**
Warehouse Assistant, Shopping Helper   Apr 2016 – Aug 2019
- Supported Metro Caring team in accepting, processing, sorting, and dispensing 10,000 pounds of daily donations
- Used Spanish language skills to help participants shop in the foodbank and address family nutrition needs
- Operated as a touchpoint between the market and warehouse, ensuring fast communication and stocked shelves

Coalition for the Upper South Platte (CUSP)   **Denver, CO**
Eagle Scout Project, Volunteer   Oct 2015 – Aug 2017
- Designed, planned, and led a project with a team of 25 volunteers on a day excursion totaling 275 service hours
- Constructed 30 wooden structures and sowed grass seed to stop further soil erosion in the Hayman burn area
- Volunteered beyond my Eagle Project through outings building A-frame fences, reforestation, and flood mitigation

PUBLICATIONS

M. Johnston, H. Stewart, J. Sun, and D. Zhang, "SIR Model of Time Dependent Drug and Vaccine Distribution on COVID-19," *SIAM Undergraduate Research Online*, vol. 14, May 2021. doi: 10.1137/20S1369841. [Online]. Available https://www.siam.org/publications/siuro/volume-14

ADDITIONAL INFORMATION

Honors and Awards
- Tau Beta Pi: Engineering Honor Society
- Omicron Delta Epsilon: Economics Honor Society
- Eagle Scout
- Emory Dean's List: Fall 2020, Spring 2021
- Georgia Tech Dean's List: Fall 2021, Spring 2022, Fall 2022

Activities and Hobbies
- Emory Club Basketball and Tennis
- Mountaineering: summited 12 14,000 ft peaks, one 17,000ft
- Blitz Chess
- Hiking, Backpacking: Rocky Mountains, Appalachians
- Guitar, Bass Guitar
- Indoor Rock Climbing