Luis Lazcano Torres

Email : LuisLazcanoTorrres1063@gmail.com
Website: https://actual-heathen.github.io/
Mobile : 404-438-0520
Github: https://github.com/Actual-Heathen

Education

- **University of Alabama in Huntsville** — Huntsville, AL
  B.S in Computer Science, Minor: Physics, Math; GPA: 3.396 — *Aug 2019 - present*
  Courses: Discrete Structures, Data Structures, Operating Systems, Probability and Statistics.

Skills Summary

- **Languages**: C++, C, Java, Python, ARM Assembly, HTML, LaTeX
- **Environments**: Windows, Linux, VS Code, Git/GitHub

Experience

- **Alabama Plasma Internship Program** — Huntsville, AL
  Research intern — *June 2022 - August 2022*
  - **Particle Simulation**: Wrote an open source C++ physics simulation of dust particles in an ambient magnetic field. Using a particle-in-cell method to calculate the particle's self-gravitation and solve the Poisson equation.
  - **Research Report**: Wrote a report on the effect of an ambient magnetic field on the particles and observed the effects of Jeans Instability on the linear to non-linear evolution of the particles.
- **BS Customs** — Atlanta, GA
  Mechanic Assistant — *June 2021 - August 2021*
  - **Repairs**: Assisted in the reparation of motor vehicle motors, mechanical systems, and system upkeep.
  - **Diagnosis**: Diagnosed possible problems with the use of electronic equipment.
  - **Testing**: Retried parts and test-drove vehicles after reparation to ensure the proper working condition of the vehicle.
- **Bambinelli's Italian Restaurant** — Atlanta, GA
  Prep Cook — *August 2018 - January 2020*
  - **Cooking**: Prepared food for consumption or for the use in cooking in accordance with customer's requests with the use of stoves, ovens, and large-volume cooking equipment.
  - **Sanitation**: Kept and ensured the proper cleaning of used food ware and sanitation of the working environment.
  - **Delivery**: Took and delivered food to customers, in ensemble with the remainder of the kitchen team.

Supplemental work

- **Particle Research**: Continued work on the C++ particle simulation from the ALPIP internship by the optimization of work and addition of the Electrostatic effect on particles
- **Volunteer work**: Super computing 22 Student volunteer

Leadership

Leadership Positions:
UAH ACM Chapter Membership Chair 2022-present
UAH Fencing club treasurer, 2020-2021, secretary 2021-2022
UAH HEMA club vice president and co-founder 2021-present

Honors and Awards

- UAH Charger Distinction Scholarship Awardee, $11,500 per semester
- 2022 UAH Hackathon 1st place winner
- 2022 Huntsville NASA Space Apps 3rd place winner