

## Kiron Ang

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### Education & Certifications

#### Bachelor of Science in Bioinformatics

*Baylor University, Waco, TX*

Expected Graduation: December 2025

GPA: 3.87

Selected Coursework: Data Science, Biology, Chemistry

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### Experience

#### Epidemiology Intern

*Waco-McLennan County Public Health District – Waco, TX*

May 2025 – August 2025

- Created a scalable Shiny dashboard by integrating 5+ chronic disease datasets, significantly reducing time required for data access and reporting.
- Collaborated with public health staff to ensure dashboard usability, incorporating feedback to enhance clarity and functionality for diverse users.
- Prepared educational materials and statistical briefs to support outreach efforts and improve community understanding of health trends.

#### Data Science Intern

*Christian Women's Job Corps of McLennan County – Waco, TX*

October 2022 – May 2025

- Partnered with nonprofit leadership to evaluate program outcomes using statistical models, helping to guide decisions that supported participant success.
- Developed interactive dashboards with Python and Excel, maintaining open communication to align tools with team and organizational needs.
- Managed and refined large datasets with care and precision, enabling accurate reporting and deeper insights in monthly performance reviews.

#### Summer Trainee – Kidney Undergraduate Research Experience

*University of Alabama at Birmingham – Birmingham, AL*

May 2024 – August 2024

- Engaged collaboratively in biomedical informatics training focused on kidney research, contributing positively to a supportive team learning environment.
- Conducted thorough literature reviews and data analysis on single-cell human kidney datasets, sharing insights to support group research efforts.
- Presented research findings at the program symposium, facilitating knowledge exchange and fostering constructive discussion with peers and mentors.

#### Research Assistant – Anthropology Department

*Baylor University – Waco, TX*

August 2023 – November 2024

- Supported faculty research by coordinating data collection and maintaining specimen databases, ensuring accuracy and organization.
- Facilitated effective communication within the research team to meet grant proposal and publication deadlines with well-prepared data.
- Proactively contributed to a collaborative research environment by anticipating team needs and providing reliable support.
- Publication: <https://doi.org/10.1016/j.psyneuen.2025.107474>

#### Research Assistant – Mechanical Engineering Department

*Baylor University – Waco, TX*

November 2022 – August 2023

- Assisted in laboratory experiments and equipment upkeep, fostering a cooperative atmosphere among engineering research staff.
- Analyzed experimental data and co-developed technical documentation, collaborating closely with team members to refine outputs.
- Actively engaged with colleagues to share insights and support a positive, productive research environment.
- Conference: [https://opg.optica.org/abstract.cfm?uri=CLEOPR-2024-P2\\_126](https://opg.optica.org/abstract.cfm?uri=CLEOPR-2024-P2_126)