

Kiron Ang
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Education & Certifications

Bachelor of Science in Bioinformatics

Baylor University – Waco, TX

Graduation: December 2025 | GPA: 3.87

Relevant Coursework: Data Science, Biology, Chemistry, Informatics, Systems Biology

Professional Experience

Epidemiology Intern

Waco-McLennan County Public Health District – Waco, TX

May 2025 – August 2025

- Developed an interactive, scalable Shiny dashboard integrating 5+ chronic disease datasets, improving data accessibility and operational reporting.
- Partnered with cross-functional stakeholders, translating technical content into actionable insights for public health staff and decision-makers.
- Created outreach briefs and visual tools that clearly communicated health trends to non-technical audiences.
- Managed and cleaned large health data sets, enabling rapid generation of analytics reports for ongoing use.

Data Science Intern

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

October 2022 – May 2025

- Built customized dashboards in Python and Excel, helping non-profit leadership visualize performance metrics and resource allocation.
- Conducted statistical evaluations of program outcomes, providing data-driven recommendations that shaped strategic planning.
- Worked directly with stakeholders to gather business requirements and design data tools aligned with organizational goals.
- Maintained data integrity by implementing consistent cleaning and validation procedures across multiple systems.

Summer Trainee – Kidney Undergraduate Research Experience

University of Alabama at Birmingham – Birmingham, AL

May 2024 – August 2024

- Collaborated on a biomedical informatics project using single-cell sequencing data to investigate kidney pathology.
- Conducted literature reviews and presented analytical insights to interdisciplinary researchers during weekly symposia.
- Contributed to data visualization and reporting efforts for hypothesis generation and validation.
- Strengthened communication and teamwork skills in a fast-paced research setting with frequent knowledge sharing.

Research Assistant – Anthropology Department

Baylor University – Waco, TX

August 2023 – November 2024

- Maintained and curated biological data and specimen archives, ensuring high-quality data management practices.
- Supported project teams by preparing clean data and coordinating deliverables under tight academic deadlines.
- Facilitated communication between researchers to improve research productivity and streamline documentation.
- Publication: <https://doi.org/10.1016/j.jpsyneuen.2025.107474>

Research Assistant – Mechanical Engineering Department

Baylor University – Waco, TX

November 2022 – August 2023

- Participated in experimental design, technical documentation, and troubleshooting across interdisciplinary engineering projects.
- Co-authored technical materials and shared findings at weekly progress reviews to refine experimental procedures.
- Ensured instrument functionality and lab readiness to support daily operations and iterative testing.
- Conference Presentation: https://opg.optica.org/abstract.cfm?uri=CLEOPR-2024-P2_126

Technical & Professional Skills

- **Languages & Tools:** Python, R, Shiny, SQL, Excel, Git, Linux, Tableau
- **Collaboration:** Agile methodologies, stakeholder communications, cross-functional team support
- **Reporting & Documentation:** Data visualization, scientific writing, dashboard creation, public health informatics
- **Domain Knowledge:** Bioinformatics, Life Sciences, Public Health, GxP awareness (introductory)
- **Soft Skills:** Excellent written and verbal communication, high adaptability, strong organizational skills, attention to detail