[Company Letterhead]

**June 17, 2024**

Raunaq Ray

Tacoma

**SUBJECT: Internship Offer Letter**

Dear Raunaq,

We are pleased to offer you the position of **Summer Intern** at KalScott Engineering Inc., starting on **June 24, 2024**, and ending on **September 24, 2024**. This internship is in collaboration with the ongoing research we are sponsoring at the *University of Washington Tacoma*, and you will be working closely with Professor Debasis Dawn on this project. Following are the terms and conditions connected with your internship:

**Position Details:**

* **Position Title:** Summer Intern
* **Project Title:** Development of ADS-B Signal Interface for Band-Switchable Transceiver IC Testing
* **Supervisor:** Mr. Suman K Saripalli, Dr. Debasis Dawn

**Compensation and Benefits:**

* **Salary/Stipend:** $33.00/hour
* **Work Hours:** 40 hours per week

**Job Description:**

In this role, you will engage in the innovative development of signal generation methods with a multi-band transceiver IC currently being developed at the University of Washington Tacoma. Your work will complement the ongoing university research, providing essential support and contributing to the overall project. This role will expose you to real-world applications of RF IC design and wireless communications, enhancing your technical skills and understanding of advanced engineering concepts.

**Job Responsibilities:**

* Develop methods for generating and testing ADSB signals with a multi-band transceiver IC in development.
* Collaborate with the team to define signal specifications and requirements.
* Verify signal accuracy and authenticity for compliance with project standards.
* Configure test setups and conduct signal injections into the system under test.
* Analyze and evaluate system responses to the injected signals.
* Document procedures, observations, and findings in detailed reports.

Please confirm your acceptance of this offer by signing and returning a copy of this letter. Should you have any questions or require further information, please do not hesitate to contact us.

We look forward to having you on our team and contributing to the success of this exciting project.

Sincerely,

Suman K Saripalli