

Contribution Chart

David Kogan	<ul style="list-style-type: none">- Worked on converting Mono path code from Python to C++ as well as debugging modes 0 & 1.- Optimized code by creating downsampling block convolution function and the resampler for modes 2 & 3.- Converted Stereo path from Python to C++.- Implemented threading for Stereo path & RDS path.- Aided in debugging RDS in Python (CDR, manchester encoding, differential decoding, frame sync).- Converted RDS Python code to C++.
Ishita Wadhwa	<ul style="list-style-type: none">- Worked on converting Mono path code from Python to C++ as well as debugging modes 0 & 1.- Implemented functions for stereo path for all modes in C++- Helped debug stereo path for Mode 0 in C++- Implemented and helped debug sections of RDS - IQ constellations, CDR and encoding/decoding debugging, application layer in Python for mode 0
Muhammad Ghauri	<ul style="list-style-type: none">- Worked on converting Mono path code from Python to C++ as well as debugging modes 0 & 1.- Implemented STL vector optimizations in C++.- Helped convert Stereo path from Python to C++.- Aided in debugging RDS in Python (CDR, manchester encoding, differential decoding, frame sync).- Performed live tests on Raspberry Pi hardware and recorded audio data for the rest of the team.
John Adolfo Quien	<ul style="list-style-type: none">- Worked on converting Mono path code from Python to C++ as well as debugging modes 0 & 1.- Implemented and debugged Stereo path in Python- Helped debug the Stereo path in C++ for mode 0- Implemented and aided in the debugging of the RDS path in Python (Channel Extraction, Carrier Recovery, CDR, manchester encoding, differential decoding, frame sync, application layer)