

- **Strengthened research proposals** by leveraging in-depth knowledge of network protocols.
- **Implemented network protocol parsers** in C to enable fast processing of network packets to be analyzed.

- **Improved system reliability and minimized downtime for customers** by resolving complex memory issues in network devices using remote debugging techniques and code analysis to identify and fix problems.
- **Implemented new functionality to profile SMB servers** by creating new libraries making use of SMB over TCP.

- **Cut data entry time by 50%** by writing software utilizing computer vision to automatically input survey data into forms.

Education

Conference Presentations

Daniel L. Robertson, Jin-Mann S. Lin. Application of computer vision and machine learning to public health data validation. CDC/ATSDR Statistics Day. Atlanta, GA. September 22, 2015