

devices via RS-232, RS-485, and TCP/IP.

Dec., 2016 – July, 2017

Scandy

New Orleans, LA

Senior Software Engineer

- Developed ground plane detection in C++ for 3D scanning application using algorithm outlined in <http://ieeexplore.ieee.org/document/7556009>.
- Developed C++ TCP networking component for 3D scanning application using open-source “libuv”.
- Developed C++ ORM component for 3D scanning application using open-source “hiberlite”.
- Developed and configured open-source “buildbot” continuous integration for C++ builds.
- Updated functionality of Android 3D scanning application in C++ and Java.
- Refactor existing Scandy SDK and cmake to work with C++ 14, Qt5 framework, VTK-Qt module, and Clang compiler.
- Create unit and smoke tests using Google Test framework.

November, 2015 – Sept., 2016

Zlien

New Orleans, LA

Senior Software Engineer

- Worked on support tasks for application used in legal aspects of accounts payable in the construction industry.
- Integrated application with QuickBooks online SDK.
- Application built in PHP with heavy use of Smarty templates, jQuery, and Backbone.js.

EDUCATION

1999, 2003

Tulane University

New Orleans, LA

Bachelor of Science Engineering, Computer Engineering

- Graduated with cum laude distinction and department honors.
- Minored in Math and Electrical Engineering.

REFERENCES

References from managers at past two employers are available upon request.