

## Daniel Johnson

931-266-6686

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[danielectronics.com](http://danielectronics.com)

**Summary of Qualifications:** Recent electrical engineering graduate with experience working in a clean-room laboratory environment, in the electronics repair industry, and in hobby electronics and programming projects which are featured on my website. I have experience with many engineering software packages including packages such as LTspice for circuit design and simulation, Altium Circuit Maker and DipTrace for PCB layout, embedded systems programming in C/C++, Java programming, and documentation with Microsoft Office and LaTeX.

### Education:

University of Tennessee at Chattanooga

Bachelor of Science in Electrical Engineering, 2016

Summa cum Laude, William E. Brock Scholar, Highest Honors in Electrical Engineering

4 Years Deans List - 3.96 GPA

### Honors and Achievements:

Tau Beta Pi Engineering Honor Society, initiated December 2014

William Q. Gurley Scholarship

UTC Chancellor's Scholarship, 2012-2016

UTC Brock Scholarship, via Brock Scholars Honors Program, 2012-2016

Tennessee Hope Scholarship with General Assembly Merit Scholarship, 2012-2016

### Work Experience:

Gigtank 365

Summer 2016

Engineering for UTChattSat

- Hardware design engineer for UT Chattanooga CubeSat miniature satellite project
- Circuit design, PCB layout, assembly and testing

Oak Ridge National Laboratory

Summer 2015

Intern sponsored by the Volkswagen Distinguished Scholars Program

- Worked on electrochemistry projects with researchers from the Center for Nanophase Material Science using clean room techniques such as Plasma Enhanced Chemical Vapor Deposition and Electron Beam Physical Vapor deposition
- Learned to operate the Scanning Electron microscope to use for inspecting electrodes designed for electrochemical experiments and UV-VIS spectrometry for analysis of experiment results

Edwin Bohr Electronics Inc.

Summer 2014

Electronics Technician Intern

- Repaired electronic equipment for locomotives

Center for Advisement and Student Success Tutoring Program

Fall 2013 & Spring 2014

Math and Physics Tutor

- Tutored University of Tennessee at Chattanooga students in math and physics courses