

Daniel Krollman

1385 W University Ave, Apt 259 • Flagstaff AZ • Phone: 815-354-8129 • Email: Djk258@nau.edu

Education

B.S. Electrical Engineering

Graduation date: May 2018

Northern Arizona University, College of Engineering Forestry and Natural Sciences, Flagstaff, Arizona

GPA: 3.25

- Transfer Fall 2015

Arizona State University, Ira Fulton School of Engineering, Tempe Arizona

GPA: 3.05

- Attended from August 2012 to August 2015
- Including 3 semesters of business courses in the W.P. Carey School of Business at Arizona State studying Computer Information Systems

Experience

NAU Thermal Infrared Planetary Science Imager (TIPSI)

August 2016-May 2017

- Worked with a FLIR brand camera core to create a first of its kind infrared imaging system for the Barry Lutz Telescope located on campus.
- Created a data acquisition & analyzation process using Matlab
- Helped design the telescope mount and build the computer data processing system.
- Goal to Publish Paper on Infrared properties of near earth orbital bodies by Summer 2017
- Co-authored multiple technical documents including an Instrument Control Document, and System Manual.

Deskside Support

NAU Information Technology Services, Flagstaff Arizona

December 2015-Present

- Troubleshoot various end-user technology issues
- Performed hardware repairs on computers
- Supported both Apple & Microsoft machines
- Provide assistance over phone and in-person

Website Development

Bldv Suites Corporate Housing, Denver Colorado

June 2015- January 2016

- Created over 300 property listings for the company website
- Coded in HTML using Wordpress

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Deskside Support

ASU Technology Office, Tempe Arizona

September 2014-August 2015

- Provided Technical support for windows and apple computers, along with computers running research peripherals such as Microscopes and Gas chromatographers
- Provided assistance for School of Life Sciences and School of Physics

Store Associate,

OfficeMax Store #1249, Chandler Arizona

October 2013-February 2015

- Conducted sales for diverse selection of products

IT Intern,

Baird & Warner Realty, Chicago Illinois

June 2012-August 2012

Skills

- Simulating & Drawing circuits using Pyxis and PSpice.
- C++ Coding
- VHDL Coding & Prototyping
- MATLAB program writing
- Educated in Microsoft Office Programs
- Experience Prototyping circuits and code with Arduino, Raspberry Pi & other Microcontrollers
- HTML Coding
- Excellent customer service
- Adept at imaging computers using programs including Ghost, SCCM, and Deploy studio.
- Experience using Active Directory to manage and maintain computers
- PowerShell Scripting
- Adept at troubleshooting and solving user end Issues
- Ability to find creative solutions to problems

Other Projects

Volunteer Eco Students Abroad- Ecuador

May 2014

- Spent two weeks volunteering in a small jungle community
 - Built bathrooms/Septic Systems