

Ryan T. Hults

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SUMMARY

Languages HTML, Javascript, jQuery, CSS, C++, C, Node.js, Java, SQL, PHP, and Python

Technologies Linux (Arch, Debian, Ubuntu), Windows 7+, Mac OS X, *git*, *Visio*, and *Code Composer Studio*

Awards and Certifications Six Sigma Green Belt, Eagle Scout, Fundamentals of Emergency Management

EDUCATION AND ACADEMIC EXPERIENCE

Electronic Systems
Engineering, B. S.
[In-Major G. P. A.: 3.2](#)
[Texas A&M University](#)
Dec 2017
College Station, TX

Coursework *Embedded Software Development, Local and Metro Area Networks, Advanced Network Systems and Security, and Six Sigma Applied Statistics*

Projects Project Manager of nPhase, a Senior Design Team which designed and fabricated an Internet of Things wireless monitoring prototype for livestock

- Developed firmware for embedded wireless communication system in C using the Texas Instruments Real Time Operating System (TI-RTOS) architecture
- Designed and developed a front-end web display using PHP and jQuery to display data from a database
- Developed a back-end in NodeJS to handle serial port communications
- Created and maintained project webpage at nphase.xyz

WORK EXPERIENCE

Student Technician
Sept 2014 – Dec 2017
[Texas A&M University](#)
College Station, TX

- Developed software-based solutions that decreased time spent documenting and organizing inventory by over 50%
- Set up and maintained group policy objects for multiple user-groups across Windows 7 and Windows 10
- Created and maintained multiple Windows images deployed to 100s of workstations
- Maintained 30 workstations for student access lab
- Managed academic specific and source-controlled software packages
- Created and maintained informational signage using BrightAuthor, which helped to decrease technical support requests
- Prepared surplus hardware for release within state security specifications

IT Administrator
Jun – Aug 2010 – 2015
[Seabrook Seafood Inc.](#)
Kemah, TX

- Supported desktop workstations and Point of Sale systems
- Maintained the hardware, software, and firewalls for main office
- Created IT Disaster Recovery Plan for critical infrastructure
- Advised Management on scheduling, service improvements, and quality assurance
- Set up and maintained network infrastructure for main office

ORGANIZATIONS

■ IEEE-Tech
2013-2017

■ Aggieland Humane Society
2016-2017

■ Boy Scouts of America
2003-2011