# Ryan Hults

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## SUMMARY

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

**Software** *git*, *Intellij*, *Eclipse*, *Microsoft Office*, *Visio*, *Visual Studio*, *Microsoft Active Directory*, *Adobe Photoshop*, *LabView*, *AutoDesk Inventor*, and *Solidworks*

**Operating Systems** Linux: Ubuntu, Debian, CentOS, Arch, Windows 7+, and Mac OS X

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

**Communication** Excellent communication skills, both written and oral

## EDUCATION AND ACADEMIC EXPERIENCE

Electronic Systems
Engineering Technology,
B. S.
In-Major G. P. A.: 3.2
Texas A&M University
Aug 2011 – 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** Served as Project Manager of nPhase, a Senior Design Team which designed and fabricated an Internet of Things wireless monitoring prototype for livestock

- Designed and developed a web front-end in PHP to display data from a database
- Developed a back-end in NodeJS to handle serial port communications
- Created and maintain a website for the project. See nphase.xyz
- Responsible for creating and editing project documentation
- Edited and produced a promotional video for the project

## WORK EXPERIENCE

Student Technician
Sept 2014 – Dec 2017
Texas A&M University
College Station, TX

- Troubleshot both software and hardware problems on both Windows and MacOS computers
- Documented and organized Inventory for departmental property
- Assisted in the development of software tools used to increase inventory efficiency
- Prepared surplus hardware for release within state security specifications
- Managed academic specific software packages
- Maintained 30 computers for student access lab
- Created and maintained Windows images deployed to over 100 workstations
- Set up and maintained group policy objects for multiple user-groups across Windows 7 and Windows 10
- Created documentation for use of the Windows Automated Installation Kit to ensure proper migration of Windows user accounts

IT Administrator
Jun – Aug 2010 – 2015
Seabrook Seafood Inc.
Kemah, TX

- Supported desktop workstations and POS systems
- Assisted users with hardware and software questions
- Maintained the hardware, software, and firewalls for main office
- Created IT Disaster Recovery Plan for critical infrastructure
- Advised Management on all decisions involving computer hardware and software
- 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