

## SUMMARY

---

**Languages** C, C++, Java, Javascript, HTML, SQL, PHP, and Python

**Software** *git*, *IntelliJ*, *Eclipse*, *Microsoft Office*, *Visio*, *Visual Studio*, *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.

[G. P. A./In-Major:](#)  
[2.67/3.2](#)

[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

- Responsible for creating and editing project documentation
- 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
- Edited and produced a promotional video for the project
- Created and maintain a website for the project. See [nphase.xyz](#)

## WORK EXPERIENCE

---

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

- Troubleshoot both software and hardware problems on both Windows (Dell) and Apple 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