4151 Wellborn Road
Bryan, TX 77801 APT 2207

NICHOLAS GILPIN

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Computer science senior interested in Networking/AI/Robotics and looking for internship experience in industry/academia.

EMPLOYMENT

Software Intern — **Cisco** — **Spring 2016 – Fall 2016**
San Jose, CA

- Created a parsing system to test operational data on network devices supporting Yang & Netconf
- Technologies: Python, LXML, XML, Yang, Netconf, YTool, Git

Webmaster — **Texas A&M University** — **Spring 2015 - Summer 2015**
College Station, TX

- Coded websites using HTML5 and Twitter bootstrap
- Created 30 websites using WordPress and HTML5

Undergraduate Researcher — **Texas A&M University** — **Summer 2015**
College Station, TX

- Tested the efficacy of the King DNS Latency Measurement Method on different DNS softwares
- Modified a large code base and learned DNS protocol, multithreading, C++/C, and Winsock
- Tested the implementation and the DNS Servers with Ping, Tracert, NSLookup, and Wireshark

Business Founder — **Tectonic IT** — **Fall 2014 – Spring 2016**
College Station, TX

Started and managed all aspects of a computer repair business for 2 years
- Repaired computers, hired/managed contractors, created a Drupal website, marketed services

Webmaster/Technician — **Texas A&M University – Galveston** — **Summer 2013 – Spring 2014**
College Station, TX

- Programmed intranet forum pages which sent results to emails and databases
- Technologies: Visual Studio, MS Server 2012, ASP.NET, IIS 8, HTML4, and CSS3
- Performed computer maintenance and clerical duties

EDUCATION
Graduation Date: December 2017

College Station, TX — **Texas A&M University** — **Fall 2014 – December 2017**
Major: Computer Science — GPA: 3.2
Coursework: Algorithms, Programming Languages, Intro Computer Systems, Linear Algebra, Calculus II

Galveston, TX — **Texas A&M University – Galveston** — **Fall 2013 – May 2014**
Major: General Engineering — GPA: 3.6
Coursework: Physics I & II, Calculus

PROJECTS

Hack Rice Hackathon — "Above Average" — **Fall 2016**
- Purpose: An application for tracking grades and due dates across semesters
- Technologies: Swift, IOS, JSON, Git

Code Red Hackathon — "Notecards" — **2016 – Present**
- Purpose: An application for storing and evaluating the feasibility of project ideas
- Technologies: Java, Android Studio, Git

Class Project — "Aggie Snap" — **Fall 2015**
- Purpose: An application for browsing photos with a graphical user interface, tagging, and metadata features
- Technologies: C++, FLTK, Git

LANGUAGE AND TECHNOLOGY EXPERIENCE

Computer Languages: Python, C++, Java, HTML/CSS/JavaScript
Human Languages: English, Spanish
Technologies: Git, LXML, Wireshark, Linux, Android, Phaser