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## EDUCATION

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**Texas A&M University**, College Station, TX  
Bachelor of Science in Computer Engineering  
Minor in Russian Language

December 2021  
GPA: 3.823 / 4.00

### Relevant Coursework

Computer Systems: computer programming focussing on operating system APIs, file systems, network sockets, concurrency, and inter-process communication

- Computer Architecture: register transfer languages to describe computer operation, CPU organisation, microprogramming, I/O, and memory system architecture

## EXPERIENCE

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### College of Engineering IT

*Linux System Administrator (Student)*

**Texas A&M University**

July 2019 – present

- Configuration management of Linux-based servers and workstations in research groups and student laboratories.
- Contributions to development of unified installer for multiple Linux distributions.
- Managing user account authentication and permissions using Active Directory in Linux environment.
- Developing documentation for end-users about IT policies and software usage.

*Student Technician*

May 2019 – July 2019

- Perform hardware and software diagnostics and troubleshooting on Windows and Mac computers.
- Assist with networking configurations, esp. with authentication, VPNs, DHCP reservations, and remote access.
- Perform operating system imaging, Active Directory domain configuration, and account setup on new computers.

## SKILLS

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**Languages:** English (native), Russian (conversational)

**Programming:** C++, Java, Bash, Python, Go, MATLAB, Arduino-C

**Linux Binary Packaging:** Arch Linux (PKGBUILD), Void Linux (xbps-src templates), RPM-based (.spec files)

### Operating Systems

- Strong familiarity with UNIX-like command line interfaces, esp. under Linux and macOS.
- Experience with customised Linux kernel configuration and compilation.
- Participation in Windows 10 Beta programme and assisted with error reporting (pre- and post-release).

### Electronic Hardware

- Ability to build, troubleshoot, and perform basic repairs on desktop computers and their components.
- Experience with breadboarding and building custom logic circuits using integrated circuits.
- Laboratory experience with modelling circuits with Verilog and FPGAs.
- Laboratory experience with ARM LEGv8 Assembly programming.

### Web Server Administration

- Maintaining remote and local Linux servers for web services.
- Creating and maintaining a private mail server.
- Creating and maintaining websites and remote storage infrastructure.

## ACTIVITIES

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- Engineering Honours, Texas A&M University (2017 – present)
- Residence Hall Community Council, Vice-President (August 2018 – May 2019)
- Tiger Rock Martial Arts International Taekwondo (June 2007 – present)