Devin Edward Gearing

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PROFILE

A driven and enthusiastic scholar with a plethora of ambition and creativity. Striving to expand repertoire of knowledge by working with other driven individuals or inspired companies.

EDUCATION

Whitacre College of Engineering, Texas Tech University   Lubbock, TX
Bachelor of Science, Electrical Engineering
- Cumulative GPA: 3.3
- Minoring in Mathematics

PROFESSIONAL EXPERIENCE

Caprock Custom Applications   Lubbock, TX
Junior Software Development   May 2017 – May 2018
- Front- end development
- ASP.Net Core framework

Group NIRE - Internship   Lubbock, TX
Software Development   May 2018 – August 2018
- Full-stack development
- Node.js with MongoDB

TECHNICAL PROJECTS

Project Lab 1 – Texas Tech   Lubbock, TX
Automated Rover   June 2017 - August 2017
- Surpassed expectation in terms of rover functionality and safety
- Logic controlled with FPGA and custom built secondary circuits
- Developed much of the logic using the Verilog language

Custom Alarm Clock – Personal Project   Lubbock, TX
Digital Alarm Clock   July 2017 - September 2017
- Gutted old rotary phone and made it a digital clock

IoT Led Cub – Personal Project   Lubbock, TX
Internet of Things 64px Led Cube   December 2017 – May 2018
- Sends and receives data from internet to preform various actions
- Contains wireless charging, accelerometer/gyroscope, 64 RGB LEDs

Project Lab 2 – Texas Tech   Lubbock, TX
Solar Tracker MMPT IoT   June 2017 - August 2017
- 100 Wh solar cells with single axle rotation to track sun
- Maximum power point tracking to optimize solar potential
- Data from system could be actively monitored via website

PROGRAMMING LANGUAGES

C++	ASSEMBLY	SQL	C#	VERILOG
CSS	HTML	MATLAB	JQUERY	BASIC
PYTHON	BASH	JAVASCRIPT		