

# Corey A. Smith

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coreyalexandersmith.com

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## OBJECTIVE

Continue to learn and grow outside of school by means of an Internship or Entry level job in the field of Computer Engineering.

## EDUCATION

University of North Texas Denton, Tx  
**BS Computer Engineering** 2017  
**Minor in Mathematics** 2017  
Advanced Technology Complex Denton, Tx  
**OSHA certification and Advanced Animation Coursework** Aug – Dec 2009

## CERTIFICATIONS

**Computer Security certification (IACE)** Dec 2016  
**OSHA 10hr certification** Oct 2009

## ENGINEERING PROJECT EXPERIENCE

**Project:** University of North Texas Sponsored

**Embedded system design – Ultrasonic navigation system Team Project (4):** The Bat

**Objective:** Design an ultrasonic navigation system to guide the visually impaired indoors with minimal impedance.

Finished product: An embedded system based on universities and users requirements/desires that successfully navigates a user to an exit and avoid obstacles.

### Other Projects:

- High speed first person view multirotor
- Handicap Tracker, available on the App Store
- Amazon voice controlled led Lamp along with iOS and watchOS app
- Electric Longboard capable of 24 mph

\*For additional projects and information please visit my website [coreyalexandersmith.com](http://coreyalexandersmith.com)

## COMPUTER/TECHNICAL SKILLS

- |               |                      |                   |                           |
|---------------|----------------------|-------------------|---------------------------|
| ▪ C/C++       | ▪ Fusion 360         | ▪ Microelectronic | ▪ Oscilloscope            |
| ▪ Java/Python | ▪ Linux              | ▪ Tensorflow      | ▪ Wave Function Generator |
| ▪ VHDL        | ▪ Wordpress          | ▪ Networking      | ▪ Slic3r                  |
| ▪ Swift 4     | ▪ Flight controllers |                   |                           |

## INTERESTS

- Embedded system design
- Machine learning
- 3D design and 3D printers
- iOS development
- Golf, DFW Lao Golf Association
- General electronics and weekend projects

## WORK HISTORY

**The Home Depot | Lewisville , Texas | April 2015 - May 2017**

*Appliance Associate*

At The Home Depot, my main responsibility was to engage with customers. Along with selling appliances, I also maintain and follow up on orders storewide and online. In order to achieve the highest possible customer satisfaction, I communicate with vendors, manufacturers, installers and delivery teams.

Accomplishments:

- Deep understanding of order management software, customer support software and POS devices.
- Forklift certification