

Michael Darden

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Local Address

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Permanent Address

15856 Nedra Way
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Objective

Seeking part-time research opportunities.

Education

Bachelor of Science, Electrical and Computer, May 2018

The University of Texas at Austin

GPA: 3.78/4.00

Related Courses

Embedded Systems, Software Design and Implementation, Circuit Theory, Linear Systems & Signals

Experience

Embedded Systems Project, The University of Texas at Austin

- Created a "tag" video game on the *TM4C123 microcontroller* using *C* and *ARM assembly language*
- Placed in "supreme" category

Robot Car Project, The University of Texas at Austin

- Programmed in *Labview* and built breadboard circuits
- Interfaced photoresistors and IR sensors

HackTX 2015, The University of Texas at Austin

- Created a static website using *HTML/CSS*
- Worked with *GitHub*

Robotathon 2015, UT Robotics and Automation Society

- Created a robot car to play RAS-ball
- Programmed in *VIM*
- Came in 4th place

Arduino Projects

- Created a *5V DC power supply*
- Created a Bike-Wheel Display using *Image Processing*

Volunteer Work

- Taught an English class in Peru, 2014
- Veterinary assistant at Cape Town SPCA, 2013

Skills

Familiar with *Assembly language*, *C*, *C++*, *Java*, *Labview*, *Git*, and *MATLAB*

Proficient in *Windows* and *OS X*

Experience with *GIMP* and *Photoshop*

Experience with *soldering* and creating breadboard-circuits

Experience with *Arduino* and *Launchpad microprocessors*

Experience with *HTML/CSS* web-design using *Bootstrap*

Familiar with *Spanish* and *Portuguese*

Accomplishments

Administrative Vice President for *Texas Tricking*, Fall 2016

UT Social Dance Class Assistant, Fall 2016

Drumline Lieutenant, Outstanding Leadership Award, 2012-2013

Eagle Scout, 2009