

# SERGEI DINES

E-MAIL : SERGEIDINES@GMAIL.COM

## OBJECTIVE

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Seeking Employment In Wearable Technologies or Product Development

## EDUCATION

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University of South Florida  
**B. S. in Mechanical Engineering**

TAMPA, FL  
Graduate Spring 2016

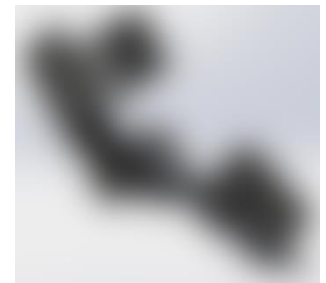
ENGINEERING ONLINE PORTFOLIO  
<http://www.surgerobotics.com/>

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### Projects:

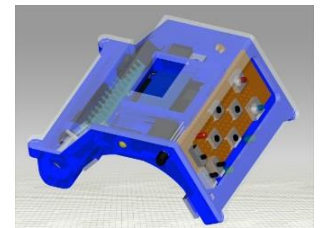
#### ***Elbow Assist Exoskeleton Mechanism***

- A stroke victim has problems extending her lower arm
- This device safely moves here lower arm up and down
- The device is disengage-able and safe for the user
- Created concepts, part list , electrical circuit
- Arduino coding and mechanism logistics tackled



#### ***Prometheus - Wearable Heater [ Open Source ]***

- C++ Coding[ Arduino ]including OLED Interface Design
- Circuit Diagram
- 3D Print Prototype Parts + Fabrication



## EXPERIENCE

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### ***Frisella Design***

CLEARWATER, FL

*Intern*

June 2015 - Present

- PLC Programming
- Product Design, Development, and Integration

### ***MECH. Club Lead Founder*** : <http://mechusf.weebly.com/>

LAND O LAKES, FL

*Senior Project Manager*

August 2014 - Present

- Mechatronic Club At USF
- Oversee Intergradation of Robotic Projects

### ***DFX Lab***

TAMPA, FL

*Student Assistant*

October 2014 - Present

- Aid Students With Projects
- Aid Students With Lab Tools And Machines [ 3D printer, laser cutter ]
- Learn From And Also Teach Students With The Design Process

## ACTIVITIES

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- Running , Basketball , Cycling
- Active ASME (FWCS) Member At School
- Collecting Books , Writing My Books, Reading
- Inventing Things, Creating Music, creating custom wearables

