

# Discovery Lab (DLabG)

## Experiential Learning Internships



ACCELERATING INNOVATIONS  
GROWING INNOVATORS

This is an informational flyer to offer college freshmen (both current & incoming) an **experiential learning internships** in our **Summer-at-Discovery's-Edge (SADE) program**. Here are some of the questions we are anticipating from students:

### Q1: who should apply?

**A1: college freshmen** (both current & incoming) looking for hands-on experience tackling real world problems in **entrepreneurial ways**.

### Q2: what are some of the projects ?

**A2:** our overall program has a portfolio of over 20 different projects but for this offer, we are limiting projects to 4 areas:

1. **mobile apps** ..... project Cyber-Guide
2. **3D virtual reality** ..... project Deep HoriXons
3. **wearable technology** ..... Symphony SmartWear
4. **radical Drone concepts** ..... project Guardian Falcon

### Q3: how long are the internships and when do they start?

**A3:** 4-week or 8-week internships that begin as early as May for some schools and ends as late as Sept for others. We're flexible.

### Q4: how much time is required since I have other summer plans?

**A4:** this is a part time (flex time) experiential learning internship. Projects will require 10-15 hours/week depending on the project.

### Q5: how does an 8-week internship differ from a 4-week?

**A5:** same experience except that all projects are open to 8-week internships while 4-week internships will focus on 3D virtual reality.

### Q6: do I need to relocate to participate?

**A6:** No. Students can participate from home as 3D avatars via our virtual reality campus & via our robotic telepresence capability.

### Q7: tell me more about the avatars and 3D virtual reality campus!

**A7:** every student completes a Virtual Reality Academy (VRA) in our virtual campus to learn how to be an 3D avatar -- **8th graders** have completed VRAs using a computer with internet plus free software.

### Q8: how much does it pay?

**A8:** it is unpaid as a project-based Experiential Learning internship

### Q9: if it's unpaid why should I even consider this internship?

**A9:** this is only for students who want **early** hands-on experience to help **strengthen their resumes, to grow professionally** and to gain new technical experience **to help make better career decisions**.

**Virtual Technology Conference (VTecCon):** Students who aren't interested in an internship could still apply for the VRA part to get an avatar that lets them attend our July **200-avatar VTecCon** to hear from researchers from around the **world** talking about their exciting research. A **Virtual Career Fair** will also be held during VTecCon to **give students a chance to meet research companies** in VTecCon.

Students interested in applying for this unique opportunity, need to complete the steps on the right **before Mar 27 deadline**.



**VIRTUAL REALITY**



**MOBILE APPS**



**WEARABLE TECH**



**DRONE ENGINEERING**



**DR. WILLIAMS - VTECCON**

1. **FOLLOW INSTRUCTIONS CAREFULLY:** Send an email **BEFORE 11PM EST (Mar 27)** using the following subject line **template**:

**S2016 1214 Learning-Internship X YLN YFN**

to [DLabG.resume@gmail.com](mailto:DLabG.resume@gmail.com) (notice the period ".")

(YLN YFN equals YourLastName YourFirstName respectively)

**X** indicates which internship you're applying for-- ie. **X = 0** for just the VRA; **X=4** for a 4-week internship; **X=8** for an 8-week

Example: **S2016 1214 Learning-Internship 8 Smith Johnathan**

2. **ATTACH** a one-page resume as text file (eg word doc) -- give it a filename **that includes your full name. Give only city, state, & zip code as home address. Do NOT include your phone #.**
3. Also **ATTACH** an interview video (mp4) to the email that is **exactly** 1 minute and 57 seconds long (1:57). It **must be** in **mp4** video format (keep it **under** 10 MB as much as possible) -- give it a filename **that includes your full name in it.**  
**don't forget**
4. Answer these questions **in your email and** also **in your 1:57 video**. Clearly indicate which question is being answered -- for video you could "flash" the question as text on the screen first.

(1) What do you hope to gain from the experience if selected?

(2) What 2 project are from the **list of 4** on the left are you most interested in? Why? Why would you succeed in them?

(3) This unique opportunity is **not** for those who are lazy or quick to complain & blame when things get difficult. **Is that you?!**

(4) Name 2 non-family **adults** willing to recommend you for this internship-- e.g. teachers, etc. **Why** would they recommend you? **With their permission** - provide their email addresses (put them **only** in your email & **not** in your interview video).

(5) Describe an AWESOME(!!) cool idea for a project that we should do in the future. It doesn't have to be on our list of 4.

(6) Did you replace the **X** placeholder in your subject line with the number zero, 4, or 8? Which did you select of the 3 (ie either 4 or 8 week internship or just the VRA)...**and why?**