

# Holly Schlichting

## Contact

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### LinkedIn

linkedin.com/in/hireholly

### WWW

www.hirehollyhere.com

## Skills

C

C++

Python

Web Development

HTML, CSS & Bootstrap

Altera Quartus II

Matlab

C#

MS SQL

Enthusiastic student eager to contribute to team success through hard work, attention to detail and excellent organizational skills. I am extremely passionate about learning my fields of interest inside the classroom and out. Motivated to learn, grow and excel in the robotics & neural network development.

## Certifications

2019-08

Neural Networks Bootcamp at FAU

Currently perusing certification in Data Science:  
Machine Learning at Harvard

Currently perusing certification in R at Harvard

## Work History

2019-05 -

Current

### Junior Developer

*Professional Control Company , Miami, FL*

- Boosted efficiencies in ERP software using .NET to deliver better overall user experience.
- Planned and developed interfaces using C# that simplified overall management and offered ease-of-use.
- Built databases and table structures using TSQL
- Wrote code on Visual Studio platform using C#

2016-06 -

2018-08

### Customer Service Representative

*Capital Hydraulics , Tallahassee, FL*

- Helped deploy a new business web site that increased quarterly sales by 18% and expanded customer base.
- Responded to telephone inquiries, providing quality service to customers and associates inquiring about the availability of products or status of orders. Communicated directly with customers by phone, electronically or face to face.
- Fostered and maintained excellent customer relationships.
- Consulted with outside parties to resolve discrepancies and create effective solutions.

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## Education

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2017-06 -  
Current

### **Double Major in C.S. And C.E**

*Florida Atlantic University - Boca Raton, FL*

2015-05 -  
2017-05

### **Associate of Arts**

*Palm Beach State College - Boca Raton, FL*

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## Affiliations

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- Founder & President, FAU Scuba Diving Club, 2018 to Current
  - Member, FAU Aerospace Experimental Association, 2018 to Current
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## Honors & Awards

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### **Innovative Leadership Honors Program, 2019**

I was invited to the Innovative Leaders Honor Program at FAU. This is an honor's program designed for my major track. I am currently taking classes this semester to fulfill the requirements for this program. My first class in it is a Leadership Workshop. My fellow classmates and I have been brainstorming ideas for inventions. We are funded by the college and currently working together to create a drone that washes windows.

### **Omicron Delta Kappa, 2018**

I am an inducted member of the national honors society ODK. Through participation, Omicron Delta Kappa provides opportunities within scholarships, athletics, service, communications, and arts. To be selected for membership, one must display the five pillars of Scholarship, Service, Integrity, Character and Fellowship.

### **PTK Honors Society, 2016**

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## Projects

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### **Cube Satellite**

*Feb 2020 – Present*

I am eagerly participating in the systems design & control team where we are working on a Cube Satellite - an initiative launched by NASA. We are building a small satellite that will be launched in 2022 with the goal of attaining and transmitting data from Low Earth Orbit.

### **Red Tide AUV**

*Sep 2018 – Present*

I am the team manager of a project of fellow students who have come together to build an original autonomous system to effectively filter out a harmful algae, Red Tide, from South Florida water bodies that are having devastating effects on its ecosystem and economy.

[www.fauanchor.com](http://www.fauanchor.com)

### **EEG Controlled Wheel Chair**

*Feb 2019 – Oct 2019*

I am a team member within the Machine Perception and Cognitive Robotics Lab at FAU. My team is currently working on developing a motorized wheelchair that is controlled through the user's EEG waves.

We work on an open-source platform for the autonomous vehicle development that can be used to navigate autonomously using the most advanced machine learning techniques. This platform was designed to have interchangeable models that allow for researchers to implement their own algorithms for testing.