

# Ryker Chute

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## Education

### **University of Central Florida**

Orlando, Florida

Bachelor of Science in Mechanical Engineering + Minor in Computer Science

Spring 2017

## Engineering Experience

### **UCF Robotics Club, Treasurer**

August 2014 – Present

Member of AUVSI RoboSub 2014, 2015 Team as a Mechanical Engineer.

Member of AUVSI IGVC 2015 Team as a Mechanical Engineer.

Experience designing and modeling of robots in SolidWorks.

Manufacturing/3D printing of working parts for autonyms robots.

Collaborated with teams of mechanical, electrical, and computer engineers.

### **UCF Machine Lab, Shop Assistant**

August 2014 – Present

Experience with CNCs, Mills, Lathe, 3D printers, Saws, and other machinery.

Experience managing work orders with Microsoft SharePoint.

### **Limbtless Solutions, Mechanical Engineer**

January 2015 – Present

Collaborating to build a working 3D printed arm for a child.

### **Undergraduate Research**

May 2015 – Present

Experience working with powerful lasers to collect data on droplet formation.

### **The Bike Room, Mechanic**

June 2014 – August 2014

Building, repairing and maintaining most variations of bicycles.

### **FTC Robotics Club**

August 2009 – May 2013

Design and manufacturing of robots for FTC competition.

## Other Work Experience

### **Barnes & Noble College, Bookseller**

December 2012 – October 2013

Checking and updating store inventory with customer service experience.

### **Winn – Dixie, Customer Service Associate**

June 2009 – August 2013

Handling money at a cash register and customer service experience.

## Leadership

### **Treasurer of UCF Robotics Club**

August 2014 – Present

Conducted and organized weekly meeting while collecting information and dues.

Represented the club at school/official events providing information and showcasing our projects.

Part of a team that made executive decisions about the clubs future.

## Technical Skills

Working Knowledge: Solidworks, C++, C#, Java, HTML, CSS, Javascript, MasterCam, Matlab