

# Adam Pettyjohn

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**4948 N Point Place, Boise, Idaho, 83703**

Personable and dependable sophomore at The Catholic University of America working towards a BS in Mechanical Engineering with a Minor in Computer Science. Strong background in engineering, additive manufacturing using 3d printing technologies, and computer programming.

## Skills

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### Engineering:

Solidworks, MatLab, OnShape,  
3D printing

### Programming:

Python, Java, Dart, C++, Git, VBA, HTML,  
CSS, Javascript, UML

### Other:

Microsoft Office, G Suite,  
Customer Service, Online retail

## Experience

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**1/2021 - Present**

### Executive and Cofounder

*CHR Home Goods, Washington, DC*

- Upcycled used furniture through online marketplaces
- Communicated with buyers and sellers to source and sell furniture

**12/2020 - 1/2021**

### Drafter (during a winter break from college)

*Kaitech Automation, Meridian, ID*

- Designed, built, and installed components on robotic packaging systems
- Wired industrial control sensors into electrical cabinets
- Fabricated aluminum components using machine shop tools

**8/2017 - 3/2020**

### Engineering Team Lead

*FIRST Robotics Competition Team Tators #2122, Boise, ID*

- Placed 5th in the World Championships in 2019
- Oversaw the design and construction of robust competition robots
- Mentored teammates in engineering, design, and construction techniques
- Boosted participation in STEM by demonstrating our robot's capabilities at outreach events

**Other Work Experience**

**Sandwich Artist** for Subway, Horseshoe Bend, ID, Summer 2021

**Package Handler** for FedEx, Boise, ID, Winter 2020

**Landscape Maintenance** for Forever Green, Boise, ID, Summer 2020

**Laboratory Technician** for Boise State University Physics, Boise, ID, 2018

## Education

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**8/2020 - Present**

### BS in Mechanical Engineering, Catholic University of America

**Washington, DC**

3.96 GPA

University Honors Scholar, Dean's List

**2016 - 2020**

### Bishop Kelly High School

**Boise, ID**

4.0 GPA Unweighted

Rotary Scholar, National Honor Society, Dr. Fran Wickham Ecuminism Award