

## Autodesk 2021 High School Summer Work Experience Program For FIRST FRC and FTC students

Completed applications must be emailed to [frc@autodesk.com](mailto:frc@autodesk.com) and received no later than Sunday, April 18th, 2021 by midnight Pacific Time, to be considered. We encourage you to submit your application early to allow us more time in reviewing your application and to avoid any server lag in delivering it to us.

### **Your application packet must include:**

Please make a compressed ZIP folder with all the following documentation:

**(When emailing the application please use format application\_{year}\_{first}\_{last} in the subject line)**

**Ex. application\_2020\_Pam\_Kilpatrick**

- Completed Application form (following pages): Save this Application Form as a PDF with your name and team number in the filename before including it in the folder that will be sent to [frc@autodesk.com](mailto:frc@autodesk.com). Here is an example using my name “Pam Kilpatrick Application-Team1571.pdf”.
- Resume: In your resume, provide three references of adults that can talk about your STEM abilities or about your business/marketing skills. Do not use family members. If you have a Github / Gitlab account, include your username and email. Save your resume as a PDF with your name and team number in the filename before packaging it to email to [frc@autodesk.com](mailto:frc@autodesk.com). Here is an example using my name “Pam Kilpatrick Resume-Team1571.pdf”. Resume can be longer than a single page. If you want more of your skills or hobbies to be known, include it. We like creative resumes.
- Letter of Recommendation: A letter of recommendation (LOR) from an adult that worked with you on your FRC or FTC team. No LOR’s from family members. If you belong to a team where the only mentor is an adult family member, please provide a second LOR from a teacher that can speak about your STEM abilities or about your business/marketing skills. Please save your LOR with your name and team number in the filename before packaging it to email to [frc@autodesk.com](mailto:frc@autodesk.com). Here is an example using my name “Pam Kilpatrick LOR-Team1571.pdf”. Please submit this as PDF. You can supply more than one LOR as long as they were written after Jan 1<sup>st</sup>, 2021.

We only have 10 weeks to make Synthesis better! The summer internship starts June 21<sup>st</sup> and will end 10 weeks later, August 27<sup>th</sup>. If you will be gone for an extended period during this internship, you might not be considered, but are still encouraged to apply as this will be decided on a case by case basis. If you have medical appointments or are a senior visiting a potential college, you are excluded from this rule.

We encourage mentors and your parents to contact us if needed. Once we have made selections based on your application, resume and LOR, we will need to contact your parent or guardian prior to the video interview to discuss this internship and answer any questions they might have if you are a minor.

If you have any questions, please email us at [frc@autodesk.com](mailto:frc@autodesk.com) or contact [debbie.kerr@oregonfirst.org](mailto:debbie.kerr@oregonfirst.org).

# Autodesk 2021 High School Summer Work Experience Program Application Form

Name: \_\_\_\_\_

Email: \_\_\_\_\_

Phone number: \_\_\_\_\_

Are you currently a member of an FRC or FTC team or were you a member of an FRC or FTC team this past 2020/2021 season?  Yes  No

Team number: \_\_\_\_\_

Current or former position on team: \_\_\_\_\_

First and last name of your FIRST coach or main contact: \_\_\_\_\_

School years you've been on a FIRST team:  2020/2021  
 2019/2020  
 2018/2019  
 2017/2018  
 2016/2017  
 Other: \_\_\_\_\_

Will you be at least 16 years of age by June 1, 2021?  Yes  No

What grade are you going into after the 2021 summer internship?  HS Junior  HS Senior  
 College Freshman

Expected High School Graduation Date: \_\_\_\_\_

Are you able to work 30+ hours/week June-August 2021 remotely?  Yes  No

Date you would be available to start work: \_\_\_\_\_

Date you must complete work to return to school: \_\_\_\_\_

Are there any weekday dates between June-August you cannot work? \_\_\_\_\_

What is your GPA? \_\_\_\_\_

Check the statement that best applies to you (choose one) (See position descriptions on Synthesis website):

- I would like to establish the overarching requirements and needs for Synthesis (PM)
- I would like to work on improving the usability of Synthesis by interfacing with others. (UX)
- I would like to develop new functions and features for teams to use inside of the simulator (Engine)
- I would like to create a variety of CAD models and test the limits of Synthesis (QA)
- I would like to create marketing material to spread the news about Synthesis. (Marketing)
- I would like to develop an interface for communicating with the simulator. (Controller)
- I would like to develop an interface for exporting CAD models through Autodesk software. (Exporter)

Please write your answer to the following question (250-500 words):

Tell us about any personal projects that you feel are relevant to this work experience. Please describe in detail what you did and how you completed the project. Please provide any additional supplemental material if applicable. This should be meaningful, specific and make it fun to read. This should complement your resume, not be a direct translation of it.

Example Topics: Building a robotic arm, building a website/game, contributing to a team project, etc.

Optional: Please write your answer to the following question (under 250 words):

As a part of the Synthesis internship team, what is one change you would like to make to Synthesis?