

# Jack Jones

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## EDUCATION

**The University of Texas at Dallas**, Richardson, Texas

Bachelor in Computer Science

Anticipated Graduation December 2023

GPA: 3.674

## Class Projects

**Flight Path Algorithm:** Created a program that used an iterative backtracking algorithm to determine the three best flight routes between airports to get to a destination.

**Kanban Board:** Worked with a group to develop a prototype Kanban board application.

## INTERNSHIP

**Space View**, Japan

September 2022 – October 2022

## EXPERIENCE

Software Developer

- Developed the company's virtual reality platform using the Unity Library.
- Created 2 city blocks, added a new avatar.
- Added new tools, features, and objects to allow the user to better interact with the objects in the virtual platform.

## ROBOT

[YouTube presentation on the robots](#)

## BUILDS

Conceived, designed, built, and programmed fully autonomous robots

### Sidewalk Robot

- Follows sidewalks using vision
- Successfully tested to drive for miles while carrying a heavy payload.

### 6Can Robot

- Competed in the DPRG 6Can fall 2018 competition, earned third place.

## TECHNICAL

**proficiency:** C++, Java, Arduino, C#, Unity; **Intermediate:** Python, MIPS

## WORK

**Aperio Insights**, Dallas, TX

June 2021 – August 2021

## EXPERIENCE

Market Researcher Part-time

- Researched trends in software development approaches, used programming knowledge to recognize relevant information
- Synthesized data survey results, presented conclusions and contributed to decision making