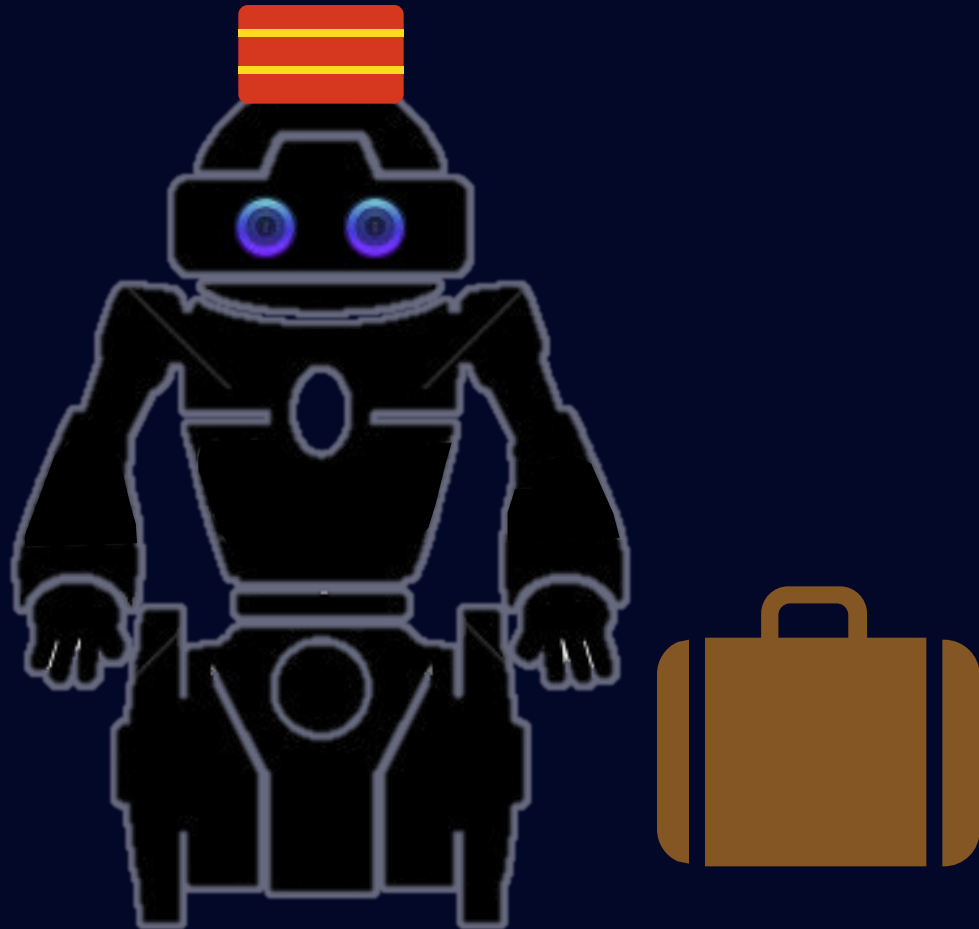
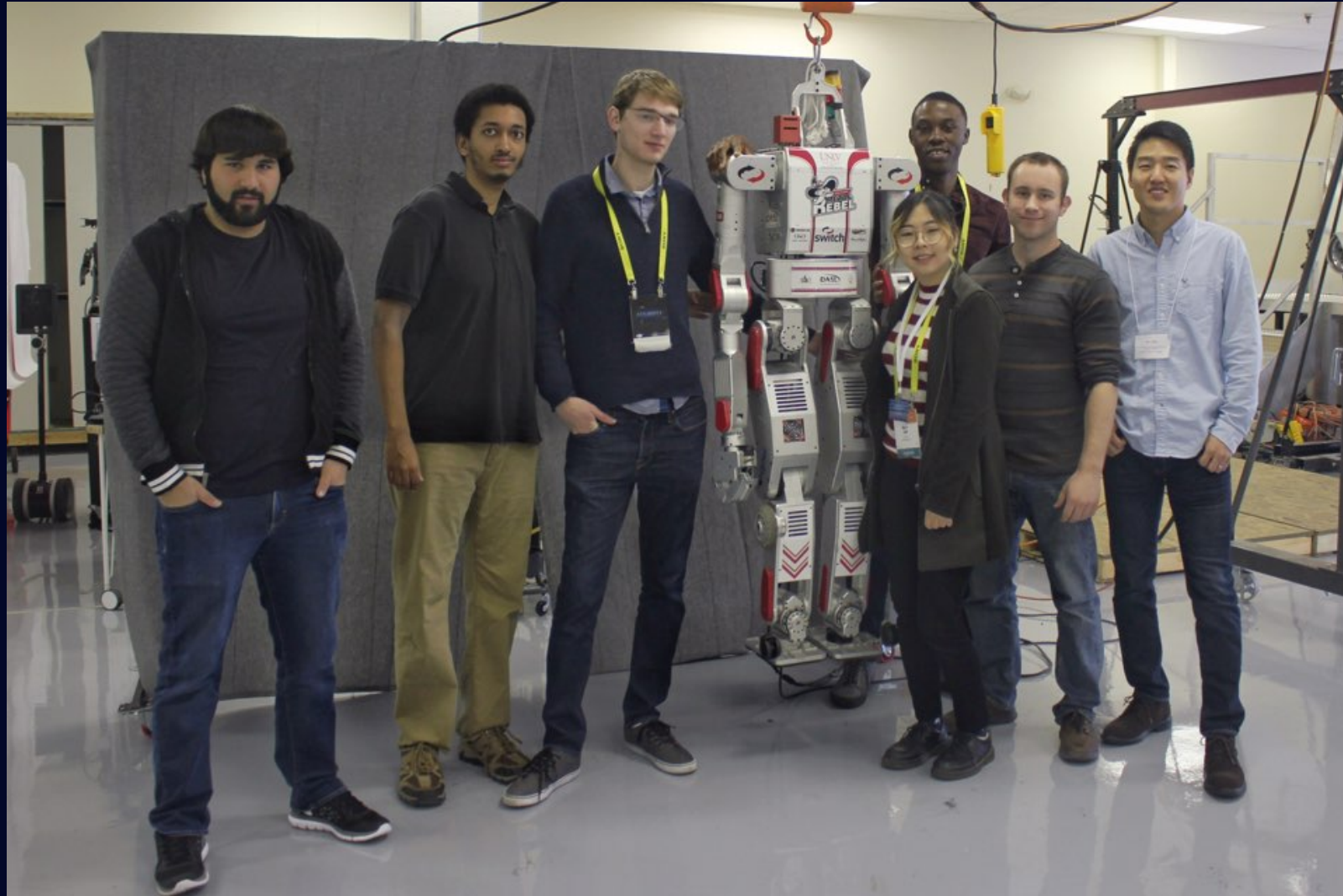


Autonomous Check-in Robo-Bellhop



Team Introduction



Team Introduction

Colin Ward	Eadom Desalene	Iretiayo Akinola	Jacob Varley
George Mason University PhD Student	George Mason University Undergraduate Student	Columbia University PhD Student	Columbia University PhD Student
Turtlebot Amazon Echo integration Video Editing	Turtlebot Mapping Video	Turtle Bot Set UP/ Navigation	Turtle Bot Set UP/ Navigation
Jae Lee	Moataz Dahabra	Sely Lee	
Brigham Young University MS Student	Univeristy of California, Merced	Kookmin Univ. Senior / Girls' Robot	
Programmed face matching algorithm	Programmed face matching algorithm	Working on Turtlebot Making Presentation	

Problem Statement



Wait in Lines

http://www.myairfaresecrets.com/images/long_line_hotel.jpg



Complicated

<http://www.mrsimcard.com/images/hci.jpg>



Need an ID Card

<https://i.ytimg.com/vi/WXwh5ahnyMY/maxresdefault.jpg>

Problem Statement

Los Angeles Times

The Savvy Traveler : Hotels Trying to Shorten Check-in and Check-out

October 11, 1987 | PETER S. GREENBERG | *Greenberg is a Los Angeles free-lance writer*

http://articles.latimes.com/1987-10-11/travel/tr-13071_1_hotel-check-in

Problem in 1987

Still a problem in 2015

29

OCTOBER 2015

Hotel check-in wait times
impact guest satisfaction

<http://www.stayntouch.com/hotel-check-in-wait-times-impact-guest-satisfaction/>



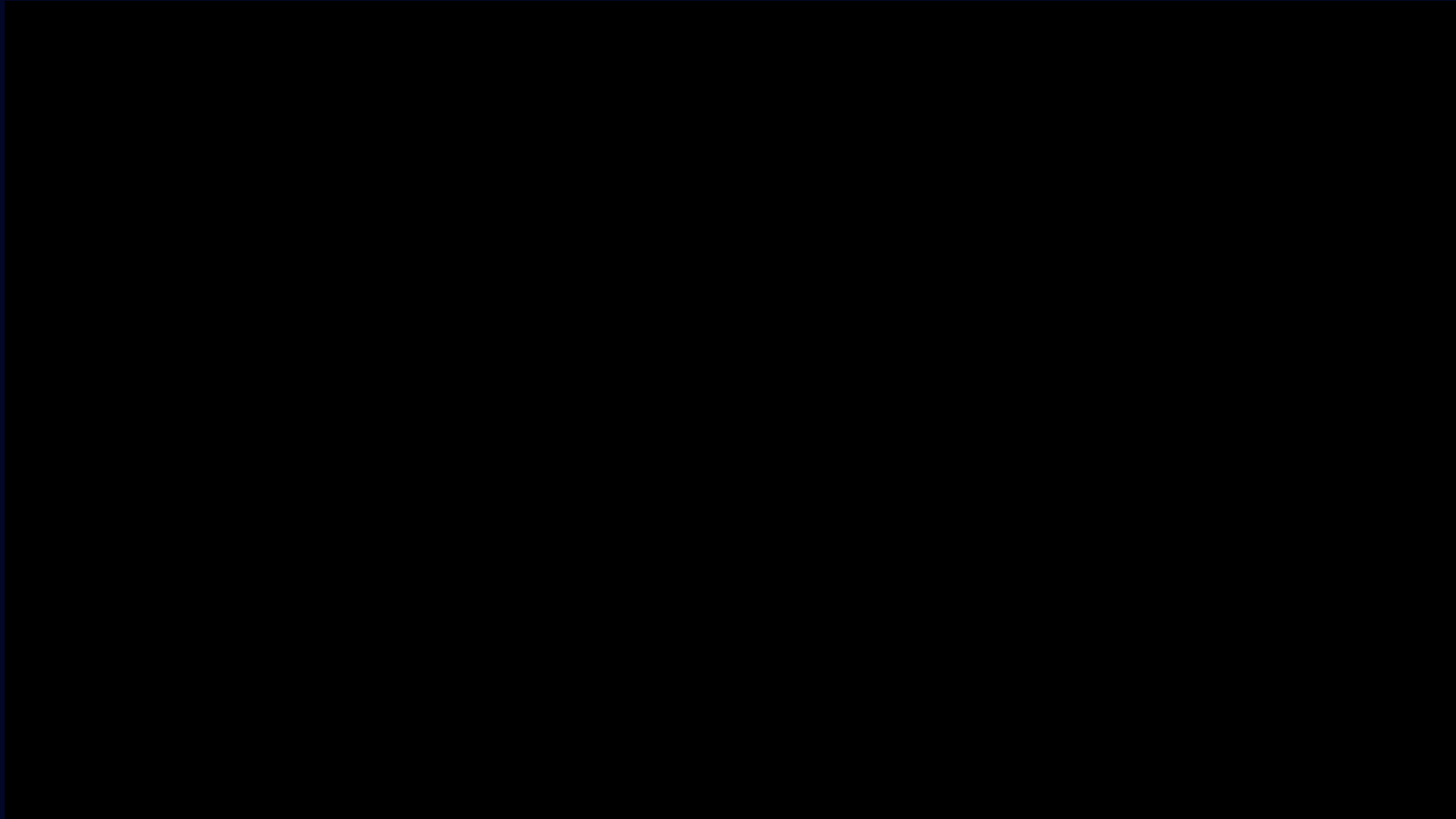
Solution

2. Camera Detecting face.
100% Autonomous Check-in





Demo



Business Model



People love Robots!



People Pay for
Luxury of Ease



Cut Costs!



Execution Plan

We make the hotel check-in experience convenient
Just Walk In!!!

The Bureau of Labor Statistics reports that the **average salary** of bellhops and baggage porters was **\$23,910** in May 2011. Annual **income** data provided by the bureau is based on **average** hourly wages and 2,080 hours of annual work. The **average** hourly wage of bellhops was \$11.49.

Initial Set-up	\$5K
Yearly Lease	\$15K
Total	\$20K

We make profit after
1.7 years



Execution Plan

More than **50K** of Hotels in US!

Timeline

- ✓ Funding 1: Identify and Establish Partnerships
 - ✓ Buy Robot Base (e.g. fetch freight)
 - ✓ 3 months Prototype
 - ✓ Funding 2
 - ✓ Begin First Sales
-

An aerial night view of the Las Vegas Strip, featuring Caesars Palace on the left and the Flamingo Las Vegas on the right. The city is illuminated with vibrant lights, and the Flamingo's Parisian-themed architecture is prominent. The text 'Thank You :)' is overlaid in large white font across the center of the image.

Thank You :)

Q&A