



# Using Technology to Identify Strengths and Help Autistic Teens & Adults Pursue Productive Daily Lives

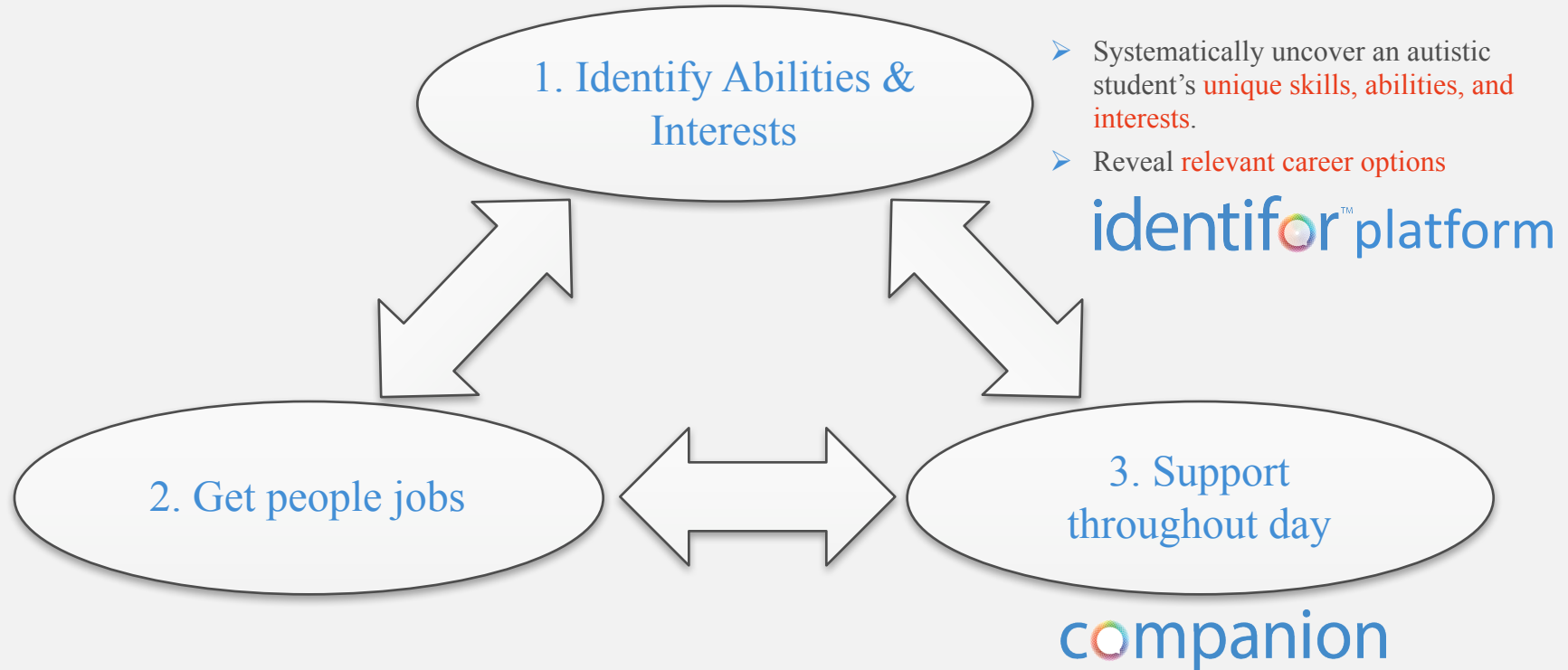
identify the possible.

If you remember nothing else ...



Identifor want to transform “lost lives” into fulfilling lives

# Identifor's priorities



# Multiple ways to access Identifor

www.identifor.com

The screenshot shows the Identifor website interface. At the top left is the 'identifor' logo. To the right, it says 'Welcome CuongDo' and has a 'LOGOUT' button. Below this are navigation links: 'PLAY GAMES', 'MY DASHBOARD', 'ABOUT & RESOURCES', and 'INVITE'. On the left side, there is a profile picture of a woman and a search bar with the text 'Enter your question' and a 'Select a Frequently Asked Question' dropdown. The main content area features a large banner for 'Rainbow Mechanic' with a colorful grid game and the text: 'The chance of catching a glimpse of a beautiful rainbow may be rare, but with suitable devices you can create the glorious color beams on your own.' Below the banner is a 'PLAY NOW' button. At the bottom, there is a 'New Games' section with three game icons: 'Melodies', 'Sights and Sounds', and 'Image Recall', each with a 'PLAY NOW' button and a 'VIEW ALL GAMES' button.


## Identifor App


The screenshot displays the Identifor app interface on various devices. On the left, a tablet shows a dashboard with charts and a 'PLAY NOW' button. In the center, a smartphone shows a photo gallery. On the right, a Samsung tablet shows a grid of game icons including 'Double Bubble', 'Easter Egg Hunt', 'Find the Pair', 'Find the Sausage', 'Memory', 'Colored Balls', 'Missing Memory', 'Parking Lot', 'Colored Blocks', 'Rainbow Mechanics', 'Guess Memory', 'Shape Memory', 'Spot the Difference', 'Identical Pictures', and 'Bus Drivers'. Below the Samsung tablet is a smartphone showing a 'Game Leader Board' for 'Sights and Sounds' and 'Merge Recall'. At the bottom, there are 'Download on the App Store' and 'GET IT ON Google Play' buttons.


# Dozens of engaging games that collect data behind the scenes

- Unlike other systems of testing and measurement — which can be tedious, difficult, or impossible to perform for someone with ASD — Identifor was built so individuals actually want to engage.
- It uses gaming technology with artificial intelligence, making it fun and easy for individuals at every level to participate.

# As individuals play, Identifor's Dashboard provides insights





Enter your question 


Select a Frequently Asked Question 


**Filters**


Please choose a group to compare with your selected player.


Saved Filters 

Select an Age Group 

Select a Gender 


Select a Clinical Diagnosis 

How Does the Player Communicate? 

Motor Challenges 

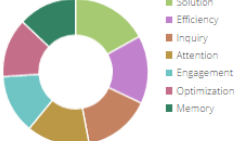
clear **APPLY**

## Dashboard

Select a Person to View Insights: Benjamin 

Game Results


### Overall Executive Function



- Solution
- Efficiency
- Inquiry
- Attention
- Engagement
- Optimization
- Memory

MEF Survey Results


### Multiple Intelligence




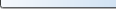
- Musical
- Logical
- Spatial
- Interpersonal
- Linguistic

**Job Interests**

Your child is on round 30 of the Job Interests game. You are viewing results based upon your child's progress in the game. If all 30 rounds have been completed, the final results are displayed.


Enterprising  Conventional

Social  Investigative

Realistic  Artistic

**Suggested Careers**


**Career** **Preparation Needed**


Billing, Posting, and Calculating Machine Operators 

Compile, compute, and record billing, accounting, statistical, and other numerical data for billing purposes. Prepare billing invoices for services rendered or for delivery or shipment of goods. Sample of reported job titles: Accounts Payable Associate, Accounts Payable Clerk, Accounts Payable Coordinator, Accounts Receivable Coordinator, Administrative Assistant, Bookkeeper, Cost Accounting Clerk, Credit Analyst


## Multiple Intelligence

PRINT DOWNLOAD

Select a Person to View Insights: Benjamin 




- Musical
- Logical
- Spatial
- Interpersonal
- Linguistic





**Notes:**

The "donut chart" on the left provides **information on the selected Identifor Gamer** to show this person's strengths and abilities. The largest slice indicates the individual's greatest strength.


The "spider chart" on the right **compares the individual with everyone** in the filtered comparison set. The further out on the spider web, the more highly ranked the individual is. The exact percentiles can be seen in the detailed sections below. You can select the population to compare the individual using the "Filters" section in the left side of this page.

Linguistic 

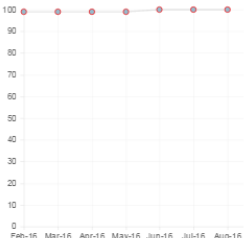
Logical 

Musical 


**Percentile Achieved**



**Percentile**



Games your child could play to help measure this function

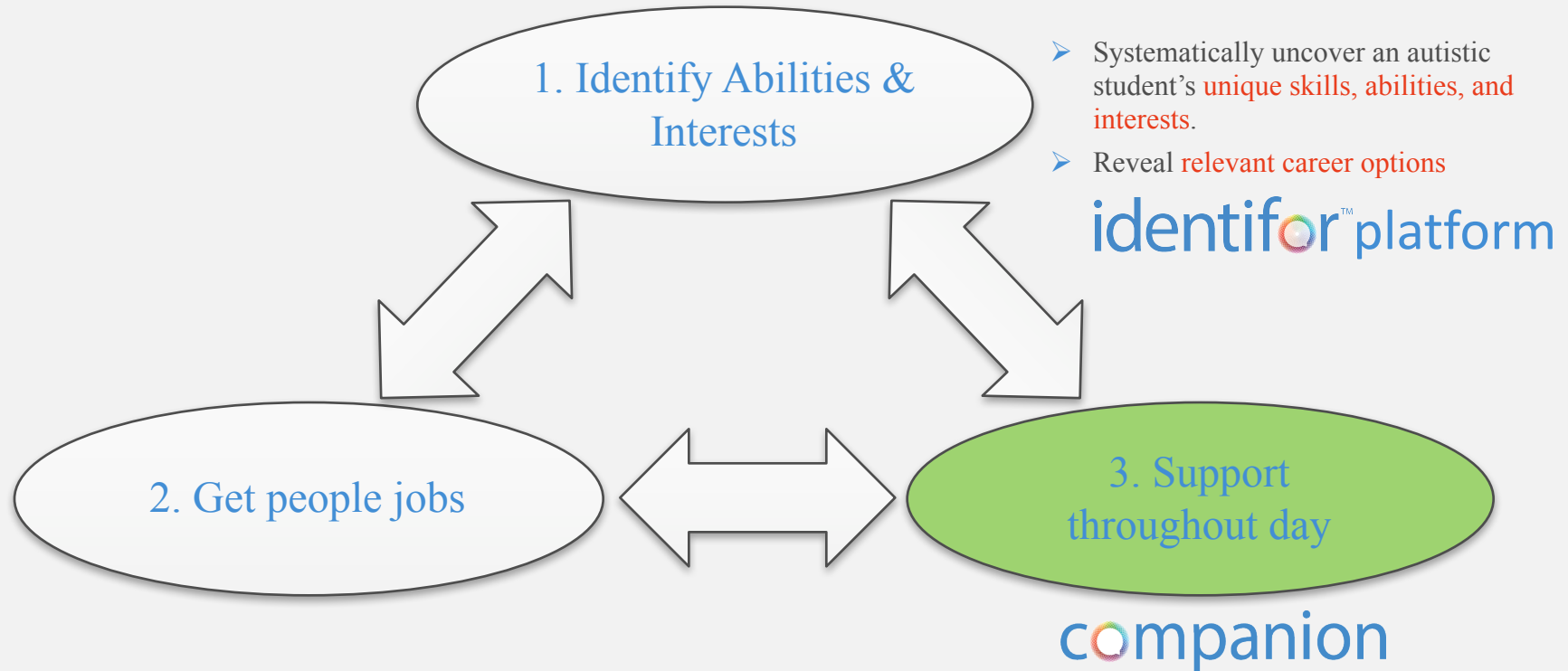
 Melodies

- Musical - rhythmic and harmonic.** This ability involves sensitivity to sounds, rhythms, tones, and music. People with high musical ability usually have good pitch and may like to sing, play musical instruments and compose music. Think of people who like to make up music, walk around humming tunes, or can play musical instruments of interest.

# Other differentiators

- **Objective and quantifiable** performance metrics based on Multiple Intelligences, Executive Functions, and RIASEC.
  - Provides parents, educators, clinicians a common language for IEPs and treatment plans.
- Rigorous **data analytics**.
  - Massive data warehouse that will be shared with academic researchers.
  - Algorithms developed with award-winning team of psychologist with 20+ years experience assessing & developing talent for large companies. Approaching 100 million people assessed.
- **Abby** – Artificial Intelligence-driven avatar that answers questions, launches games, and other functions in the future.
  - Uses natural language – player can just speak to her.
  - Technology built over a decade of work at Carnegie Mellon University.
- **Unsurpassed team**.

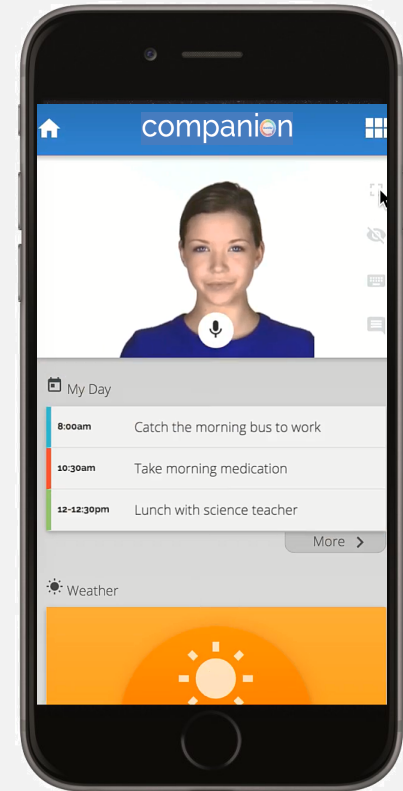
# Identifor's priorities





# Creating Identifor Companion

- 24/7 companion for teens and adults
- Abby becomes a life companion
  - Real conversations through natural language
  - Gets to know you, your needs and routines
  - Answers questions
  - Aide for simple needs (reminders, etc.)
- Abby can become the personalized aide for each individual with special needs

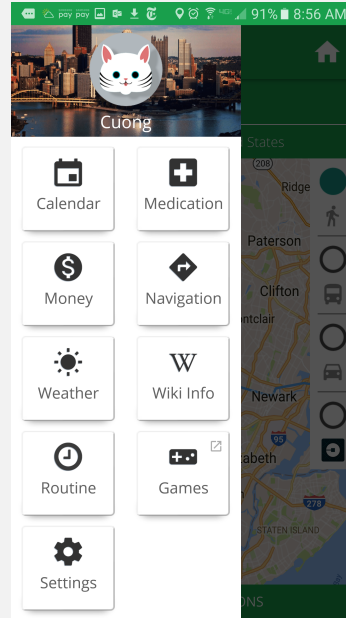


# Identifor Companion's features

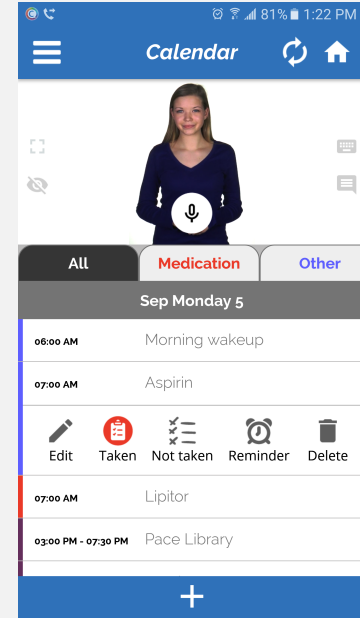
- Abby answers questions similar to “video chat”



- Different modules address needs throughout the day



- A robust calendar unites all daily needs



# Identifor was made possible by TII

- The world's first human avatar
- Advanced NLP engine – “determine intent”
- Conversational



# Executive Summary

- Identifor helps identify individuals abilities, strengths & interests
  - Supports creation of meaningful educational/vocational plans
  - Based on analysis of data captured by specially designed games
  - Built on an artificial intelligence platform (Abby)
- We are bringing the Identifor platform to mobile devices
  - Abby can support and answer questions for autistic adults throughout the day
  - Abby is only limited by our ability to train her



Thank You.

identify the possible.