CSEdWeek: Sports Data & Analytics

AT A GLANCE

Sports Data and Analytics study the players' performance data to identify their weaknesses and strengths and create development programs. There is significant potential for growth in this career, and this market will reach upwards of $4.5 billion by 2025.

1 **CLICK HERE TO VIEW THE SPEAKER'S VIDEO**

2 **STRETCH YOUR LEARNING**

3 **ACCEPT THE CHALLENGE**

1. MEET YOUR SPEAKER ⌄

CHRIS RODRIGUEZ
Director of Baseball Operations
Jacksonville University

Chris handles daily operations, as well as data, analytics, and technologies to aid player development. He also served in the Arizona Diamondbacks organization in technology, scouting, and analysis, along with pitch design protocols for their minor league players. If you would like to learn more about data analytics, contact Chris at crodrig22@ju.edu.

IMPACT SURVEY FOR EDUCATORS ⌄

To help NAF gauge the impact of our CSEdWeek series, please complete a quick survey about your experience. Your feedback helps us plan for and improve future learning resources, and you could win a $100 gift card!

2. STRETCH YOUR LEARNING ⌄

Engage in learning and skill-building beyond the classroom to E X P A N D your computer science (CS) knowledge and capacity.

Explore these resources to stretch your learning:
- Discover how data transformed the NBA.
- Learn more about sports data analytics through Hevo.

Participate in these activities to stretch your skills:
- Research current data-gathering technologies and data visualization tools for your favorite sport and develop a plan to track your favorite player's performance.
- Complete the learning project in the Accept the Challenge section below.

3. ACCEPT THE CHALLENGE ⌄

ACCEPT THE PROJECT CHALLENGE
The challenge project is to make the case for your favorite athlete to be inducted into their sport's Hall of Fame using data. Analyze existing free data sets and create compelling visuals of the data.

SHOWCASE YOUR CHALLENGE PROJECT
Present your learning journey using the choice board on the next page, and generate a URL to share with your class, a mentor, an advisory board member, and NAF!

SHARE FOR A CHANCE TO WIN
Before January 31, 2022, share the URL of your presentation here for a chance to win a $100 gift card for both you and your educator!

For more information, please contact Christine Rodriguez.

NAF

CSEdWeek: Showcase Choice Board

Now that you have *ACCEPTED THE PROJECT CHALLENGE*, leverage your learning and skills to complete the challenge project. Next, showcase your learning!
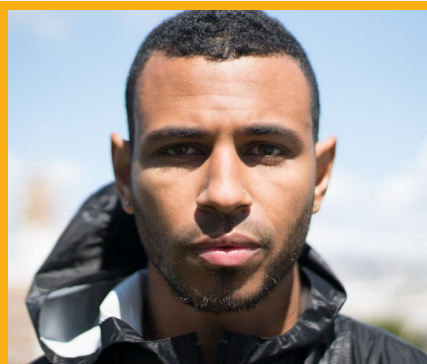
To *SHOWCASE YOUR CHALLENGE PROJECT*, choose one option from the choice board below. Sharing your learning and project with a global audience brings it to life!

Choice 1: Create a YouTube video that details your learning through the project challenge.

Choice 2: Create a blog or a social media campaign that highlights your project and learning journey.

Choice 3: Create a digital portfolio using Bulb or Google Slides that showcases your project and learning journey.

Meet Brandon Tory, an emerging hip-hop artist and Google software engineer who designed "Little Hackers" to teach coding.

Choice 4: Code or create a simple webpage to showcase your challenge project. Consider Replit or Wix.

Choice 5: Showcase your project in a format of your choosing.

Don't forget to *SHARE THE URL OF YOUR PROJECT SHOWCASE* HERE before 1/31/22, for a chance to win a $100 gift card for both you and your educator.

For more information, please contact Christine Rodriguez.