

HackOHI/O 2016 Winning Teams & Project Descriptions

Most Impactful Application

“16” - *Nishant Rimal, Shivang Saxena, Cameron Millspaugh, Kenny Kelley*

A website built to house a community review system for the accessibility of restaurants, businesses, and all public places. A points-based reward system to redeem gift cards is used to incentivize users into providing quality reviews. The overall goal for the website is to allow people with disabilities to find information that is currently difficult to find and to raise awareness about making public places accessible.

Best Newcomers Hack

“Writer’s Block” - *Carl Calcara, Jeff Jarry, Jesse Jordan, Marek Mutch*

An application that allows people to collaborate and create new stories together. Users have the ability to add new directions for their story at any point to contribute and can also use the application for multiple scenarios such as project design, branching decisions trees, organizing groups.

Most Ambitions Hack

“Hatchli” - *Ian Hansborough, Trey Hakanson, Greg Miller, Dan Arters*

A web platform and chrome extension that uses machine learning and NLTK sentiment analysis to classify political news articles based on left or right bias. It integrates directly into a user’s Facebook feed, warning of bias, and suggests complimentary articles with an opposing view, promoting holistic perspective on important political issues and intelligent conversation.

Best Software Hack

“The Yung and Reckliss” - *Mark Labib, Matias Gironi, Matthew Le*

Visualization representation and compression of audio to help the hearing impaired experience music using the Fast Fourier Transform algorithm.

Most Original

“Automanous” - *Danny Flax, Viral Patel, Benjamin Stammen, Yash Gusani*

The first mixed reality chess set available on the iPhone. The board appears virtually on through the camera lens so the user can use hand motions to interact with the pieces as if they were physically present. An online multiplayer mode allows users to play a physical game of chess with others in real-time across the world.

Best Hardware Hack

“COFFEE” - *Carter Hurd, David Frank*

An automatic coffee maker that is a comical look at the future of home appliances. The coffee maker can load its own filters and grounds while also answering any question you have with its built in voice command capabilities.

Best Teamwork

“FireStream” - *Andrew Brooke, Caleb Adcock, Joe Kollin*

FireStream is a mobile application built for iOS and Android that allows you to create and attend what we refer to as 'parties'. Parties allow you to create shared music playlists on the fly, which everyone can see and add to. The host has control of the music, and can accept or reject songs that are requested.

Best Design Hack

“CAD-KD” - *Halid Ziya Yerebakan, Abdulmecit Gungor, Sarkhan Badirli*

Regular navigation systems minimize duration in traffic for single mode, yet parking usually is a headache at final destination. An application which finds the nearest parking lot at your final destination and shows the driving direction to parking lot and walking direction from parking lot to your final destination can minimize the duration better in real life cases.

No Category Trophy Winners

“Quantum Tunnelers” - *Larry King, Nick Crescimanno, Shreyas Muralidharan*

A drone controllable in real-time over any 4G/LTE network worldwide using Amazon Web Services, a laptop, and the on-board Raspberry Pi 3 with 4G wireless hotspot.

“Project Lit” - *Chad Holl, Levi Klingler, James London, Collin Stipe*

An application to demonstrate control and oversight of lights and various appliances found in homes. The application provides a layout of a home with the ability to zoom into each room in order to monitor and control the status of the devices within, including lights, motion detectors, and a temperature sensor.