



Welcome to Tech Talk, our first email newsletter updating you on the tech life here at CARFAX. In this monthly newsletter we will be giving you an inside look at the day to day lives of our developers, information on recent events, such as our quarterly hack-a-thons, and descriptions of perks and benefits for our techies that you will only find at CARFAX. For this first issue we will be diving into our recent hack-a-thon and let you hear about the experience from the winners themselves.

## CARFAX Hack-a-thon

Three times a year CARFAX holds a hack-a-thon to give our techies a chance to come off the line and innovate outside of the playbook. We provide the opportunity to work with developers from all of our offices to break the geographical divide and build new relationships.

For three days our developers are provided breakfast, lunch, and dinner along with unlimited time to hack away. Winners of our hack-a-thons walk away with prizes such as virtual reality glasses, echo dots, gift cards and more!



Virginia Fraud Squad members John Cassil (left), Louie Liang (middle), and Michael Goo (right).

## Winner's Spotlight

The Fraud Squad took home the winning title for this quarter's hack-a-thon. Team members Aaron Donoho (Product Developer, MO), Chris Engelhardt (Data Scientist, MO), John Cassil (Product Data Analyst, VA), Louie Liang (Risk Manager, VA), and Michael Goo (Data Warehouse Architect, VA), created a program to identify new dealer prospects, increase revenue opportunities, and prevent the fraudulent use of CARFAX products.

According to the team, "The goal for this program is to automate the tagging, flagging and visualization of CARFAX's usage data to find patterns in the data that will identify fraudulent activity, compromise accounts, and new prospects that are easily accessible, automatically updated (machine learning), and easy to consume and digest."

The business impact for this program is huge because it has the potential to

save CARFAX millions. When dealers share their CARFAX membership credentials with other dealerships, these dealers are able to run unlimited CARFAX Vehicle History Reports leaving CARFAX continuously losing revenue from these potential clients. By being able to identify these prospects, we will be able to cut off any fraudulent activity and potentially convert those prospects to begin a membership with CARFAX.



Missouri Fraud Squad members Chris Engelhardt (left) and Aaron Donoho (right)

"There are so many talented people at CARFAX who bring new skills and knowledge to the table that can potentially benefit your project, says Aaron Donoho (MO). We have the opportunity to work with developers from any of our offices, enabling us to build new relationships."

CARFAX makes sure that every developer has the tools they need to be successful and our quarterly hack-a-thons are one of many ways we achieve that.

## Why CARFAX?

CARFAX offers a unique culture that you will not find at other company. CARFAX has a laid-back, yet creative, innovative, and high-performing environment where employees can dress in casual clothes everyday.

CARFAX dedicated a whole floor to innovation where our techies can collaborate, learn, and grow, but also take a break to play Xbox, Wii, mini golf, and more!

For the fifth time in a row, CARFAX has been named a Washington Post Top Workplace. This could not have been accomplished without our rapidly growing and hard working employees all over the country.

CARFAX is expanding in numbers every year! We are looking for creative and innovative people who want to collaborate and learn new skills, to join our team. We are constantly creating and updating our products so we can continue to help millions everyday.

We work everyday to support our mission of helping customers make great decisions when it comes to buying, owning, and selling used cars. Check out our openings today at [jobs.jobvite.com/carfax](https://jobs.jobvite.com/carfax)



## Our Tech Stack

- Javascript
- Angular
- jQuery
- Apache
- Joomla
- influxdb
- hadoop
- React.js
- php
- jira
- CSS3
- xp
- tdd
- npm
- html