

# PROJECT REUNITE

ARTIFICIAL INTELLIGENCE INVESTIGATIVE ANALYSIS

# INTRO

In March 2010, my 5 year old daughter was abducted and taken to Mexico. She was born in the United States, and had never travelled outside of the US. She was hidden for 16 months, kept out of school, and away from her family. While she was gone, my family and I did what most do when your child goes missing, I searched for her and became a detective in my own right. I used tactics and angles to find my child, and I always promised that if I got my child back, I would share my knowledge with other parents of missing children in desperate need of advice, answers, leads and any kind of hope. During that time I had the opportunity to work with the National Center for Missing and Exploited Children. I was in their Team Hope program, we consoled left behind parents while checking in on their well being. I managed multiple cases varying in complexity and determined that many parents simply were not taking the right steps. I stepped away from the program due to the inability to stand by.

I was able to find my daughter and was lucky enough to meet Mark Miller from the American Association for Lost Children. Who makes the impossible, possible, with it's proven child recovery methods and over 137 successful rescues. I thank American Association for Lost Children, who is the only organization that would physically help me in the recovery. They assist in rescuing your child anywhere in the world, without a cost to the parent.

AAFLC assisted me in my recovery, and when I got back home with my daughter Leahlani Salinas, on June 25th, 2011, I knew that I would be dedicating my life in finding solutions to assist in the rescuing of missing children. Since then my goal has been to create a platform that would assist left behind parents in finding their missing children, in an effective and large scale manner.

Thank you,

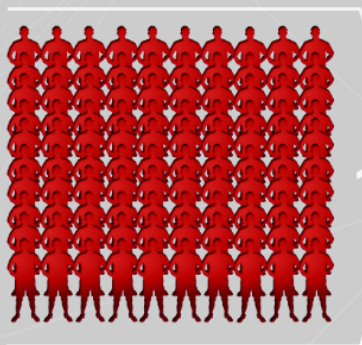
A handwritten signature in black ink, appearing to read 'John Salinas', written in a cursive style.

John Salinas  
Director of Fundraising | AAFLC  
C.O.O. | Cell Funds  
C.T.O. | Macheenist

## THE PROBLEM

The harsh reality & problem is that this happens to a child every 40 seconds here in the United States. Every 40 seconds, a parent will be faced with the fact that they do not know where their child is. Are they safe? Are they scared? Have they eaten? Where could they be? Parental abductions on its own make up over **49 percent** of cases. As a parent, when you start to search, you discover the undeniable truth that some agencies are inexperienced and not well versed in the due process of an abduction case. The U.S. Department of Justice offers training but it is sometimes overlooked and not followed by local law enforcement agencies. This in turn leaves parents in the hands of someone who is technically “starting over” on each case. This weakness in the system of having to piecemeal a solution based off of their opinion or newly gained advise, is detrimental to these type of cases due to time restraints.

International kidnappings, due to how complex they can be, are very difficult to solve. Our government provided infrastructure is limited in helping us recover our children. The inexperience of a department, Detective or an Agent should not stop someone from finding a solution to bring their child back. The majority of cases go unsolved due to the many steps that were missed or because a parent took to long to accomplish a task out of unawareness or misadvice.



100 x 20 =

REPORTED  
**DAILY**  
**2,000**  
MISSING  
CHILDREN



**EVERY 40 SECONDS**  
in the **United States**, a child  
becomes missing or is abducted.

## THE SOLUTION

introducing



# COGNITIVE DETECTIVE

In an investigation, one clue (aka a piece of data) to an experienced Detective can change the outcome due to that said experience or awareness of previous cases and solutions. With that in mind, our proposed solution is an AI based platform that analyzes the metadata of cold and successfully recovered cases of missing children. It will then cross analyze a newly inputted case and from that data model a course of action for the recovery of the missing child or children. Decisions will be based off of the shared case data and the projected probability of success and confidence of the system. Our team is in development of a web based program powered by IBM Watson. This system is meant to assist in the collection and analyzing of the provided data for an abducted child. The system capabilities and accuracy would increase with every case processed, due to the deep learning algorithms.

By simply creating a national blueprint for left behind parents to follow, the recovery time will decrease and probability of finding your child will hopefully dramatically increase. Mostly in the states that currently have a low recovery percentage which mostly affect the minority. Our cognitive detective solution will be an AI network of algorithms that will be trained by data scientists in finding the quickest path to recovery. Due to it's ability to analyze millions of hypothetical models of recovery, it will be able to assist and advice participating users at a high level of accuracy.

# THE SOLUTION

Each parent of an parental abduction child possesses a certain amount of knowledge regarding the opposite parents life, relationships, family, and work. 'Watson' will be designed to ask the parent an extensive series of questions, which will allow it to outline the legal and investigative process for the left behind parent.

Many parents simply don't know where to begin when their child goes missing. They don't know where to look, how to look, how to use social media as a tool, what questions to ask, who to ask and how to piece together events and people to find their loved one. Watson is designed to help those parents. Our hope is that Watson acts as a partner with both the parents and law enforcement agencies. We would like our system to assist the assigned Investigator by augmenting their abilities, through this blueprint method of recovery. Agencies and the parents alike will be able to use this platform, that will continuously collect and analyze case information from all parties involved. Helping them to stay continually informed about the developments and progress made on their case.

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Text Scanning  
of Public Social  
Media Data

ACCESS to CCTV  
Face Scanning  
Ability - NVIDIA

Scanning  
Facebook for  
Photos

Suspect Trees  
To determine  
Accomplices

Documents & Email  
scanning for  
Sentiment Analysis

Success & Failure  
Models to determine  
landmarks, warning  
& notice Meters

Pattern Recognition  
to determine  
Location Proximity

Location Proximity is  
factor & probability  
based for Accuracy

# THE PARTNER BASED SOLUTION & OPPORTUNITY

[WWW.PROJECTREUNITE.COM](http://WWW.PROJECTREUNITE.COM)

This development project has been led by the team at Macheenist and is a partner based solution. We welcome others to join the effort and are looking to develop partnerships that can assist us in launching a prototype proof of concept. Our goal will be to train the system and increase the level of accuracy and confidence in answers with every version developed. We are currently looking for sponsorship partners who can help us in achieving this development dream project.

Our current development team has only been able offer sweat equity based work and we are looking for sponsors to assist us with expanding the team size. Our goal is to prepare for a 2018 intro & launch of the platform. Business Sponsorships can help build a strong foundation for this program. In tradition to AAFLC, we would like to keep offering this service at no cost to parents, organizations, and agencies that need assistance with abducted children cases.

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## SPONSOR BASED PARTNERS



## DEVELOPMENT BASED PARTNERS

