

NovaSight



COMPUTER SCIENCE
UC SANTA BARBARA

Real-Time Online Security and Monitoring Application
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Special Thanks:
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novacoast

Motivation

- Data breaches always prevalent
- Breaches include bank info, social security, personal passwords, and more
- That data is released throughout both the internet and darknet
- Knowing when a breach occurs and the severity of that breach is essential to keeping information safe

Solution

- 4 key security functions:
- Aggregate existing data
 - Analyze to create risk factor
 - Monitor for any new breaches
 - Report to and notify the user
- Combining all of these creates a central security console for analysts and private users

Impact

- Revolutionize the way security analysts discover data breaches
- Minimize time between breach and fixing it
- Securing a user's information
- Generate in-depth reports
- Notify users immediately of what and where a breach occurred

1

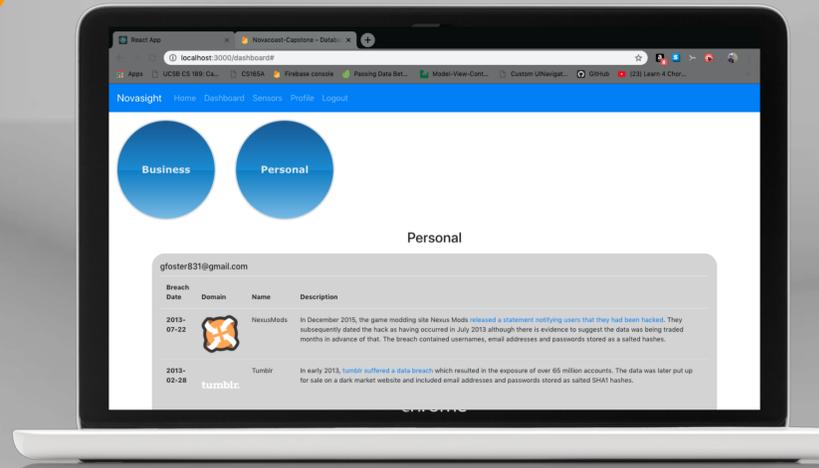
Create a Sensor

- A. Pick a name that describes the sensor
- B. Enter keywords that will be searched by the sensor
- A. Select source of search



2

Get Real-Time Data

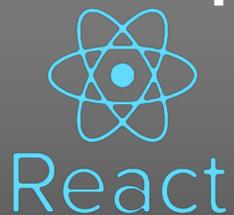


3

Receive Real-Time Alerts



Technologies Used



Firestore



docker



Selenium

010110
110011
101000
0001

PASTEBIN

'--have i been pwned?

System Architecture:

