

TL;DR

(Too long; didn't read)

Aileen Chau



Goal

Generate summaries by paraphrasing
information taken from articles

Process & Tools


Daily **Mail**
Articles




spaCy
Cleaning




Clustering



 **TensorFlow**
Modeling



Sequence-to-Sequence Learning

"Police announced two arrests today in the case of ..."



[32, 45, 3, ...]



Sequence-to-Sequence Model



[2, 75, 29, ...]



"Police arrested two suspects"

Gang of thugs beat American Cambridge University student and stamped on his head for 'looking like Harry Potter' by wearing scholar's gown on night out

A Cambridge University student was attacked by a group of thugs who stamped on his head after taunting him for looking 'like Harry Potter' in a scholars gown he was wearing after celebrating his 21st birthday.

American Quinn Coan had been at a dinner in Pembroke College ahead of the vicious attack - which was caught on CCTV.

Detectives have now released images of a group of four they want to speak to in connection with the assault in Corn Exchange Street.

The politics student, who is on an exchange programme, was attacked after he had gone to buy chips with two friends.

He said he was surrounded by a gang of around eight or nine people, aged between 18 and 22, who stopped him to ask him for directions to nightclub Lola Lo.

Mr Coan, whose home university is Occidental College in Los Angeles, told the Cambridge News, said: 'We had gone out to get some chips and about eight or nine men stopped us to ask for directions.

'I was wearing my gown having been at a college dinner to celebrate my 21st birthday.

Generated summary:

Harry Potter was attacked by group of friends in Cambridge College in Cambridge College and then punched in the head and fell to the ground Angry teenagers were followed to asking for their two men 18 and 18 22 in

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Police: Teen hid gun in school ceiling, planned 'harm'

ATLANTA, Georgia (CNN) -- Authorities arrested two high school students in suburban Atlanta on Thursday after they were warned that one of the students planned to "do harm" at the school with a weapon, police said.



Several schools in Woodstock, Georgia, were on lockdown after authorities found a gun in a bathroom ceiling.

Sgt. Jay Baker of the Cherokee County Sheriff's Office said Woodstock Middle School, Woodstock High School and Etowah High School were put on lockdown -- meaning no one could enter or leave the buildings -- after authorities learned of the threat.

Police arrested Forrest Busby, 17, at Woodstock High School and found a revolver he is said to have brought to school and hid in the bathroom ceiling, authorities said.

A subsequent search of Busby's home turned up an AR-15 semi-automatic rifle and a Mini-14 assault rifle, as well as 200 rounds of ammunition, Baker said in a statement. Six marijuana plants were discovered in the student's closet.

A 15-year-old student was also arrested in connection with the incident, the statement said.

Baker said another student is being interviewed by authorities but has not been charged in the case.

Busby has been charged with possession of a weapon on school grounds, carrying a concealed weapon and manufacturing and distributing a controlled substance, among other counts.

He's being held without bail at the Cherokee County Adult Detention Center, the sheriff's statement said.

The 15-year-old has been charged as an accomplice on various weapons violations and is being held at the Paulding Youth Detention Center.

The lockdown orders for the schools were lifted after the weapons were recovered, Baker said.

Generated summary:

Three of the students found a pistol a Glock handgun in a bedroom ceiling in a ceiling police say The 15 year old was arrested in connection with the incident

Future Steps

- Include parts of speech tagging, punctuation and stopwords in model training
- Build an app to generate summaries

Conclusion

- Summary generating model:
 - save hours of reading time
 - serve as a useful reminder
- Applicable for many industries

Thank you

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ailchau

