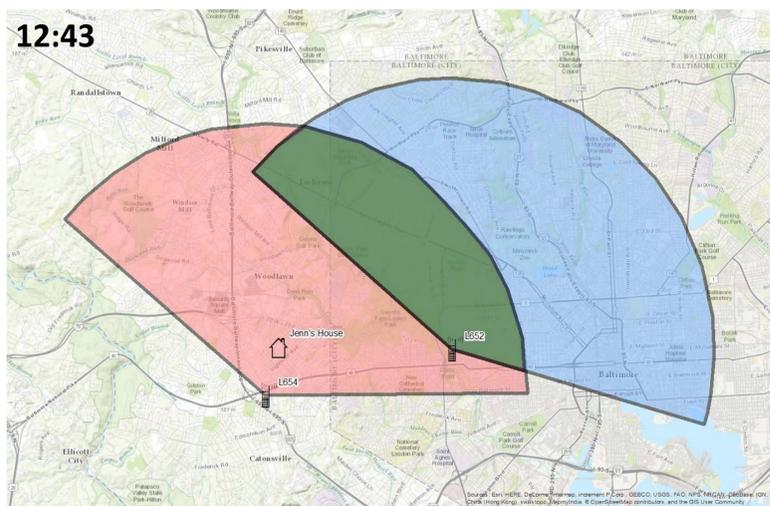
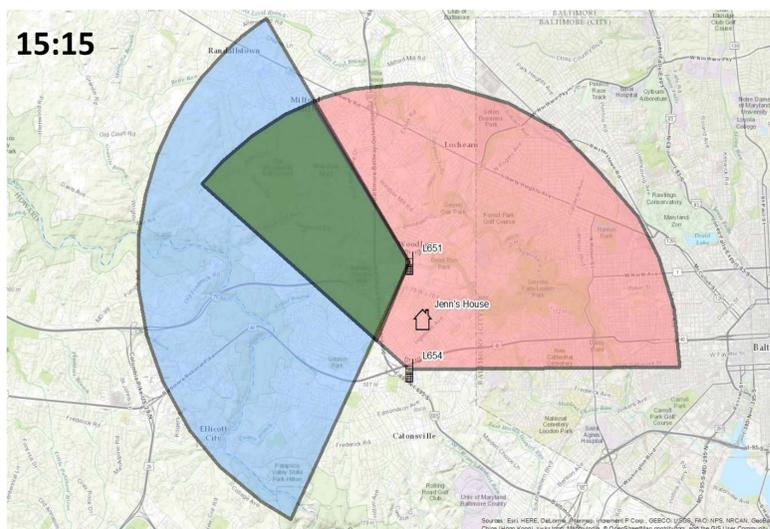


Jay claims he is at Jenn's house at 12:07. This phone call would ping to the L654A tower; instead, it reaches the L688A tower, five ranges east.



Jay claims that he is at Jenn's house at 12:43. His phone call pinged to L652A, four ranges west of the tower his claim should have pinged to – L654A.



Jay claims that he again is at Jenn's house at 15:15. If this were the case, Jay's phone call would have connected to the L654A tower; however, it pinged to the L651C tower. L651C is two ranges south of L654A.

- Matches
- Actual Locations
- Jay's Claims
- Forest Park
- Cell Towers
- Leakin Park
- Hae's car
- Jenn's House
- Woodlawn High School

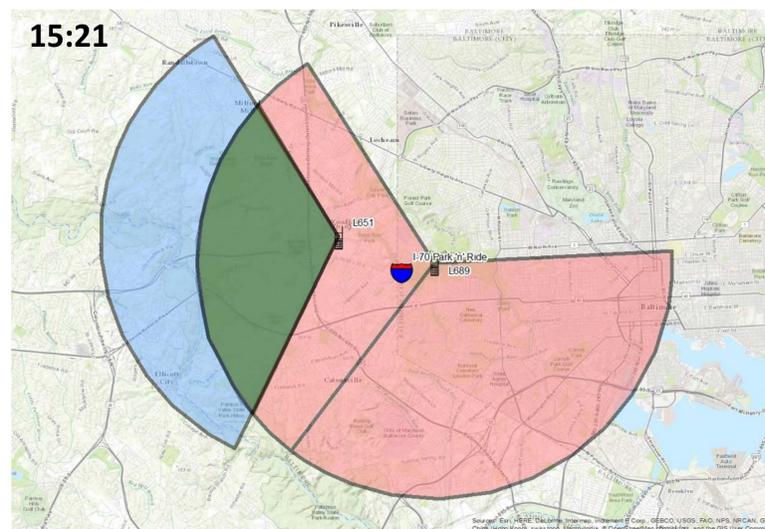
Reasonable Doubt

GIS Applications in A Murder Investigation Woodlawn High School, Baltimore County, MD

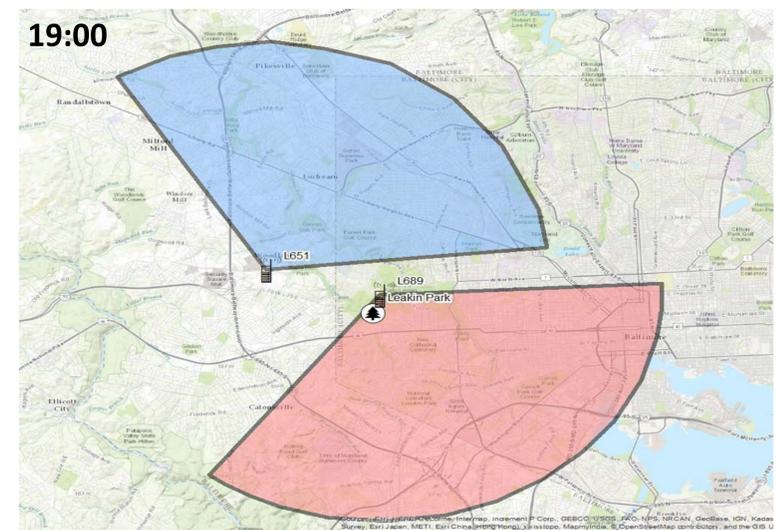
In 1999, Adnan Syed was arrested for the murder of ex-girlfriend, Hae Min Lee. No physical evidence links Adnan to the crime – only a story presented to police by his drug dealer, Jay Wilds.

Adnan was an honors student, an active member at his mosque, and a paramedic. He was sentenced to a life sentence plus 30 years, and has been in jail to this day.

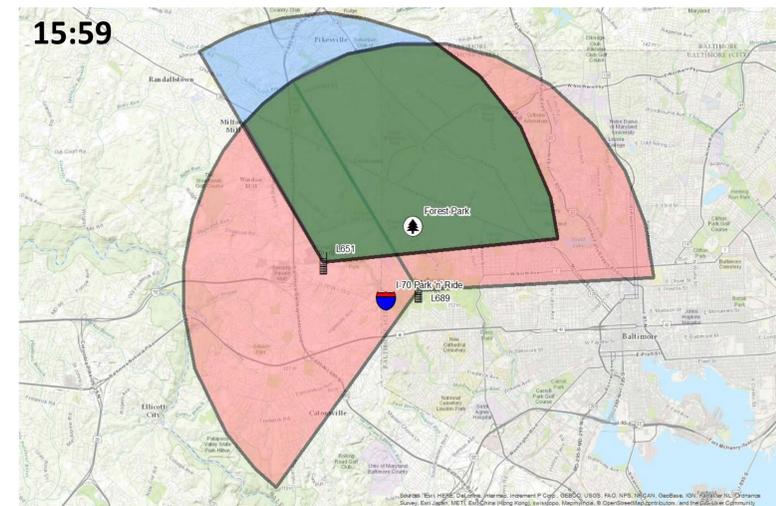
Recently, the case was brought back into court. A viral podcast series discusses inconsistencies in the case – one of which being an alibi, and a poorly interpreted cell phone log. These maps provide an accurate, visual representation displaying the relationship between cell phone tower pings and the stories Jay told police during interrogation and trial.



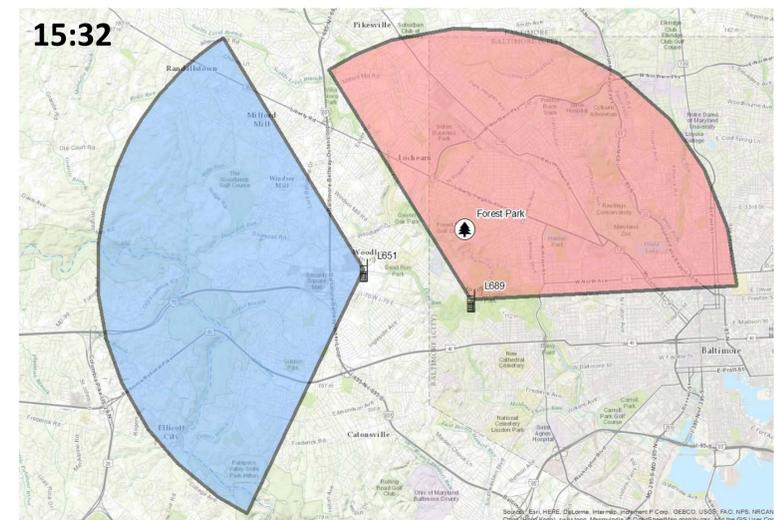
At 15:21, Jay claims that he is at the I-70 Park 'n' Ride. Depending on the orientation, a phone call would ping to either the L689C or L689B cell phone tower. In actuality, Jay's call pings to L651C, 2-3 ranges east.



For the final call, Jay claims he is burying Hae's body in Leakin Park. If this were true, the call would have pinged to L689B, not L651A – 2 ranges east.



During this 15:59 call, Jay says he is at the I-70 Park 'n' Ride, then Forest Park in two different recollections. This would have pinged at L689B/C; his actual location pinged to the L651A tower, 2-3 ranges east.



During the 15:32 phone call, Jay states that he is at Forest Park. If this were the case, the phone call would have reached the L689A tower, but it instead reached the L651C tower, 3 ranges east of the pinged tower.