Annotated Bibliography for Alan Turing

By: Jesse Carmona

Primary Sources listed in alphabetical order:

"*Alan Turing > Quotes*." *Goodreads*, https://www.goodreads.com/author/quotes/87041.Alan_Turing. https://www.goodreads.com/author/quotes/87041.Alan_Turing. Accessed 2/5/22.

This was a direct quote from Alan Turing, with him saying, "We can only see a short distance ahead, but we can see plenty there that needs to be done." This helped understand who Turing was and how he viewed the world around him.

Edwards, David. "*Dai Edwards: helping Turing use the Manchester Mark 1.*" Interview by Thomas Lean, British Library Board, 5 March 2010, https://www.bl.uk/voices-of-science/interviewees/dai-edwards/audio/dai-edwards-helping-turing-use-the-manchester-mark-1. Accessed 2/5/22.

Dai Edwards was a person who had worked with Alan Turing being able to see his mind first hand. He describes Alan Turing to be difficult to follow due to how quickly he was able to think and talk. This audio gives me an idea of what Alan Turing was like in his work as sadly Turing passed away before ever having been recorded/interviewed.

Geoff, Tootil. "*Geoff Tootill: working with Alan Turing.*" Interview by Thomas Lean, British Library Board, 15 January 2010, https://www.bl.uk/voices-of-science/interviewees/geoff-tootill/audio/geoff-tootill-working-with-alan-turing. Accessed 2/5/22.

Geoff Tootil was also a colleague of Alan Turing working alongside him and being able to have a deeper understanding of Turing's mind and work. He described Alan Turing as having a great mind that would do complicated/massive calculations on an enormous piece of paper. This gives me an idea of how he interacted with his co-workers and how he would ask for help when he felt he needed it, though Turing's equations would be too much to follow for having it checked.

Heath, Nick. "*Alan Turing: Exhibition Offers Rare Glimpse of the Man behind the Enigma.*" *TechRepublic*, TechRepublic, 6 Mar. 2012, https://www.techrepublic.com/pictures/alan-turing-exhibition-offers-rare-glimpse-of-the-man-behind-the-enigma/.

This was the machine Alan Turing made to crack the German enigma code during WWII. The machine had been able to crack the coded messages within 20 minutes, saving a lot of time on

cracking them, and the Bombe allowed the allies to learn of the Nazi's advances ahead of time. The photo gives me a greater grasp of the effort that must have been put not only in designing the machine but that effort put into building it.

Millar, Elspeth. "*Tony Brooker on Working with Alan Turing.*" The British Library Board, 14 Nov. 2014. https://britishlibrary.typepad.co.uk/files/brooker-working-with-turing-clip-1.mp3. Accessed 2/5/22.

Tony Brooker was a co-worker of Alan Turing and would even take juniors with questions to Turing to get an explanation. Brooker stated that when Turing would explain things he would go into some of the finest details, he would take hours to give a compressive explanation of what topic he was asked about. This looks into how passionate/knowledgeable he was as he would need to be in order to teach others with great care and time in educating those who would ask him questions.

Secondary Sources listed in alphabetical order:

Adam, Barr. Personal interview. By Jesse Carmona 29 Jan. 2022.

Augustyn, Adam. "*Turing Test.*" *Britannica* , Britannica,https://www.britannica.com/technology/Turing-test.

Alan Turing was many things and that included being a founding father of artificial intelligence. Turing had thought of a simple way to estimate the intelligence of a computer, it would even be named after him being called the "Turing Test". A computer and human would have a text-based conversation and if the computer could trick enough people into thinking it was a human then that computer could be called intelligent, it gives a fantastical look into the mind of Turing and what he thought about computers and the human mind.

Barnes, Rachel. "*My Great-Uncle Alan Turing Was Just One of 49,000 Gay Men Who Had Their Lives Ruined by the Government — Where Are Their Pardons?*" *Independent*, Independent, 26 Feb. 2015,https://www.independent.co.uk/voices/comment/my-great-uncle-alan-turing-was-just-one-of-49-000-gay-men-who-had-their-lives-ruined-by-the-government-where-are-their-pardons-10071744.html.

This article was actually written by a relative of Alan Turing, that being his grand-niece. This article puts emphasis on the impact that Alan Turing had on the world mentioning how many people his work saved. It also touches on how unfairly he was treated by the government and how his involvement in WII was classified during Turing's time.

It was rather interesting hearing Barr's opinions and how well he was able to convey his thoughts to me about Turing. He was very helpful in giving me more context for Turing's life and of what people think about him including things like his death.

Copeland, B. J. (2021, December 15). *Alan Turing British mathematician and logician*. Britannica. Retrieved January 24, 2022, from https://www.britannica.com/contributor/BJ-Copeland/4511 https://www.britannica.com/biography/Alan-Turing. Accessed 2/5/22.

It's a very well-written and researched article about Turing's work/life and is able to condense it into an easily digestible format. It gave me a great number of perspectives on Alan Turing and the things he did in his life.

England and Wales: Thousands Receive Posthumous Pardon for Homosexuality Convictions. 2017. Web Page. Retrieved from the Library of Congress, <www.loc.gov/item/global-legal-monitor/2017-02-23/england-and-wales-thousands-receive-posthumous-pardon-for-homosexuality-convictions/>. Accessed 2/5/22

The Library of Congress has made a well-formatted article about the amazing changes that have come, though sadly happened after Turing and many other men's lives. England and Wales had passed a law pardoning men for homosexual and bisexual crimes when they were accused. The law was named after Alan Turing showing how his impact resonates in the minds of many to this day.

Hodges, Andrew. "*On The Beach.*" *Alan Turing: The Enigma*, Updated ed., Princeton University Press, Princeton, New Jersey, 2014, pp. 574–664.

This is a well-constructed book about Alan Turing writing how his life and a more detailed look at his work. It was interesting to see how this book makes an illustration of Alan Turing and what he had gone through.

"*The U.K. Posthumously Pardons Thousands Of Gay Men.*" *Npr*, WSIU Radio, 23 Oct. 2016, https://www.npr.org/2016/10/23/499077095/the-u-k-posthumously-pardons-thousands-of-gay-men.

This article picks up with Alan Turing's pardoning by the Queen for the horrible things that were done to him. After having pardoned Turing activists including Rachel Barnes sought to have all the men that were judged unfairly be pardoned as well. Here we see how Turing's and many other men's stories have resonated with the people and their outcry for justice.

Turing, Dermot. *Prof: Alan Turing Decoded*. Pitkin, 2016.

The book is rather interesting as it was written by a relative of Turing, that being his nephew, Dermot Turing. It gives an interesting perspective of Turing and how life through his family and what they thought of him during his life.