Student Profile

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About me? ([link](https://allarassemjonathan.github.io/))

I am an international student and rising sophomore at Grove City College where I am doing a BS in computer science. On campus, I am involved with Engineers with a Mission a club whose goal is to help non-profit or small organizations by solving engineering problems and raising money to support their work. Recently I became a member of the National Society of Black Engineer.

I like coding and learning new languages! Although I am fascinated with problems in machine learning in general, I really like to learn about Natural Language Processing techniques and the way we can teach a machine to communicate like a human. I am also interested into cryptocurrencies and the blockchain.

My first project in NLP was to build a language detector with one of my friends for fun! I oversaw the second layer of detection, a detector layer using Ngram to find patterns in different languages. Our software support 4 languages so far: German, English, Spanish and French. We are looking forward adding more languages.

Why Microsoft?

I got interested into Microsoft recently when I realized that GitHub (a tool that I use on a regular basis and really appreciate) was a Microsoft product. Before that, I only thought on Microsoft as a computer company, I did not know that this company owns other products except the machine and well known software like Excel or Word. I then start to follow more Microsoft on the internet and discovered the new product they released recently (GitHub copilot). I am deeply fascinated and passionate about Natural Language Processing consequently learning that the copilot was powered by GPT-3 really excited me. Microsoft is taking over the market of software development (vs code, GitHub, stack overflow and so many other websites/tools are owned by Microsoft) and that is why I want to be part of it. I want to impact the market and change the lives of developers for good with my coding skills. I know that tools like GitHub copilot will impact the lives of millions of developers like never, and my goal by interning at Microsoft is to play a significant role in this revolution.