Blathr
The Artificial Intelligent Content Machine

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Abstract. A system for writing content to a high quality standard based on rough and easily specified natural human language would allow ordinary people to generate high value and quality content without spending very many man-hours. Modern developments in AI allow highly complex tasks such as these to be quickly accomplished online. Existing written content can be also be analyzed and reviewed using similar procedures all under the same interface.
Introduction

Rapid methods of high quality content generation and editing have progressed significantly over the last 20 years. Noticeable examples include movie effects and image smoothing using computer algorithms to determine the final product. As artificial intelligence approaches human level cognitive strength primary creation and creative, and accurate review of literary media can be completed by similar algorithms. These technologies can be expected to empower and redefine human capabilities by the end of the 21st century.

Industry-wide problem

Society fights with limited resources, but the resource that trumps all is time. Everyone has to suffer with and figure out how to use time effectively. People should not waste time making a document to share the information they have collected or made, so they can gather more info then just regurgitating the info they just went over. Our app has accomplished just that. By creating a environment where the app mimics the writer's voice and gathers info that endorsed the topic; to ensure the best reading experience and fastest paper generation. No one will need to take precise time to create a paper to share to the world. No student will have a sleepless night again.

Time is limited for everyone but plagiarism is around the corner ready to pounce. Plagiarism is an issue every student fears that they might do accidentally. Our software has a top of the line anti-plagiarism AI that auto-cites and warns you if that paper is dangerous and could get you into legal trouble.
Plagiarism is a thorn in the side for businessmen and students but a plague is all the different formats. Our app brings to society the ability to quickly change the format of your paper. MLA to APA, no problem. How about file formats we got that to. DOC to PDF, what a breeze. Our app is packaging all of this into a simple fast interface so nothing is compromised in the user experience and end product.

**Existing solution and drawbacks**

Our current answer to tackle the industry-wide problem of time management is to keep the individual from spending any time at all. During Blathr’s testing phase are application reduced the time needed to complete projects by over one thousand percent.

Blathr’s patented artificial intelligence algorithm allows users to spend their valuable time doing more important things. Our solution solves the industry's problem, however, there are some drawbacks. The application is so powerful that consumers such as students around the world will begin to rely on it daily. We currently do not have the capabilities of handing such a
large influx of consumers wanting to use our software. Studies have led us to believe that in the next year Blathr’s use will skyrocket to over one billion unique viewers. While this seems good from a business aspect our current infrastructure can’t handle this increase of users. If we are unable to seek funding to increase server space and capabilities we will begin to lose users.

New, improved solution

Blathr focuses on speed and efficiency. Our team has worked with the AI to create a new complex algorithm that is derived from the red-black binary search tree. When Blathr is loaded on the web browser, Blathr is optimized to run in parallel with the client’s computer. We focused on working with the customers, by implementing their ideas to create innovative designs that everyone will enjoy.

Speed is important for every client that uses Blathr for writing. Our complex algorithm operates in constant $O(n)$ time, using a derived formula from a red-black binary search tree. Every device that uses Blathr, retrieves results from our supercomputer instantly with very little data usage. Additionally, this feature is also supported by using `curl` in the terminal command line. Using our algorithm fixes the issue for the user to spend less time searching complex phrases on our website. Searching, writing, and creating has never been easier than ever before.

Blathr runs in parallel with the computer that the client is using. Writing has never been easier for the user. If the algorithm finds that the user is running an NVIDIA card, Blathr will optimize CUDA to run in parallel with the browser, reducing the amount of work for our supercomputer. It also checks if the user is using a smartphone, so our algorithm will optimize code for the smartphone’s graphics card to use.
We like to hear from our customers. Fixing bugs that our clients have experienced will be fixed within the hour. Our Artificial Intelligence unit will fix a block of code that is believed to be “bad”. Using advice from our customers helps us create intuitive ideas such as mimicking the client’s style of writing. Using profiles, customers will get to optimize their algorithm to mimic their way of writing, reducing the risk of plagiarizing.

**Case Study**

We introduced Blathr to three schools across the country in order to see how it would affect students and their schools. Within the first three months, students showed signs of improved grades and a better understanding of their written assignments. Teachers reported they were happy with their students progress and appreciated the citation generator and plagiarism checker.

At the end of that first semester, GPA’s at all three schools had improved an average of .2 points and by the end of the first year, the average had gone up another .2 points. The graph, Figure 1, below shows the improvements in GPA’s at each school since Blathr was introduced.
Conclusion

Leveraging the power of computers to generate content massively increases the productive capacity of the average human. This productive capacity is compounded by enabling the system to creatively and grammatically review the content for quality. Currently, the cutting edge resource for artificially intelligent content generators is developed by Blathr, a private company located in Fairbanks, Alaska. Blathr offers a full range of services historically associated with a whole suite of programs and products, all in one package and many of their basic services are offered at no cost to the public.
About Us

Blathr is a small company of 5 employees located in Fairbanks, Alaska. We build tools to empower and expand the productive capacity of ordinary people because we believe everyone should be able to have their ideas and thoughts conveyed accurately and with appropriate emphasis formatting regardless of education level or time obligations. We’re pleased to offer many of these services freely to the public and a suite of premium capabilities for anyone willing to offset our costs. We highly recommend you review our product next time you’d like to write a brief paper or document, we promise you won’t be disappointed.