Useful AI Tools

Eightify

grammarly

//Magical

ConversAI

ELEMENT AI

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AutoGPT

What is **AutoGPT**?

-   Auto-GPT is an autonomous AI agent that can complete tasks by generating its own prompts.

-   It is built on top of OpenAI'sGPT-4 and GPT-3.5 language models.

-   Auto-GPT can access websites & search engines to gather data and verify its accuracy.

AutoGPT

Features:

- Internet access for searches and information gathering
- Access to popular websites and platforms
- Long-Term and Short-Term memory management
- File storage and summarization with GPT-3.5
- GPT-4 instances for text generation

Use Cases

- Market research and competitor analysis
- Content generation, summarization ,and translation
- Data analysis and visualization
- Customer support and assistance
- Personal productivity and task management

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AutoGPT

How to install AutoGPT?

1. Create a paid account at OpenAI.
2. Get an OpenAI API key.
3. Choose an environment to run thep rogram: VSCode + dev container, Docker, or Python 3.10 or later.
4. Follow the installation tutorial forPython on Windows (if required).

Running AutoGPT

- Ensure you have a compatible environment and an OpenAI API key.
- Set up Auto-GPT using the instructions provided on its GitHub page.
- Provide a list of tasks that need completion
- Auto-GPT will generate prompts and complete the tasks using the provided goals

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AutoGPT

More on getting started with **AutoGPT** and its danger issues as well as how to get it run locally here.

Codeium

Codeium is a free and open-source tool designed to assist in coding tasks. It's built on cutting-edge AI technology and offers functionalities such as code completion, search, and chat. Codeium supports over 70+ languages and can integrate with popular Integrated Development Environments (IDEs). The tool is known for its quick performance and high-quality suggestions[1].

One distinctive feature of Codeium is its licensing approach. Unlike some other AI coding tools like GitHub Copilot, Codeium does not emit code that is under non-permissive licenses such as the General Public License (GPL)[3]. This could be an important consideration for developers concerned about licensing issues when using AI-generated code.

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Codeium

Comparison of Codeium vs Copilot can be found [here](#) (Hint – Codeium wins) as a very short view of it:

	Github Copilot	Codeium
Price	$10/mo or $100/yr	Free
Functionality	Single + multi line codegen	Single + multi line codegen In-IDE integrated chat and search

Useful websites:
- [Official Codium](#)
- [Installation in Visual Studio](#)

MidJourney

Midjourney is a generative artificial intelligence program and service created and hosted by a San Francisco-based independent research lab, Midjourney, Inc. It generates images from natural language descriptions, called "prompts", in a similar way to OpenAI's DALL-E and Stable Diffusion. Currently, it's in an open beta phase and is led by David Holz, co-founder of Leap Motion. Users can create artwork using Midjourney via Discord bot commands[1].

To use Midjourney, you need to access their Discord bot on their official Discord server. This can be done either by direct messaging the bot or by inviting the bot to a third-party server. To generate images, users use the /imagine command and type in a prompt. The bot then returns a set of four images, from which users can choose which ones they want to upscale. Midjourney is also working on developing a web interface for easier access[1].

MidJourney

David Holz, the founder of MidJourney, views artists as customers rather than competitors of MidJourney. Artists use MidJourney for rapid prototyping of artistic concepts to show to clients before starting work themselves. However, it's worth noting that some artists have accused MidJourney of devaluing original creative work by using it in the training set. As a response, MidJourney's terms of service include a DMCA takedown policy, allowing artists to request their work to be removed from the set if they believe there is evidence of copyright infringement[1].

The advertising industry has quickly adopted AI tools such as MidJourney, DALL-E, and Stable Diffusion. These tools enable advertisers to create original content and brainstorm ideas quickly, providing new opportunities such as custom ads created for individuals, creating special effects, or making e-commerce advertising more efficient[1].

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MidJourney

Here are some examples of prompts that could be used to generate images with MidJourney:

1."Portrait photo of an Asian old warrior chief, tribal panther makeup, blue on red, side profile, looking away, serious eyes, 50mm portrait photography, hard rim lighting photography--beta"[2].

2."Aerial view of a giant fish tank shaped like a tower in the middle of New York City, 8k octane render, photorealistic"[2].

3."An imposing and highly ornamented fantasy castle, Carved from Sapphire stone, Atmosphere, Dramatic lighting, Beautiful Landscape, Epic composition, Wide angle, by Miyazaki, Nausicaa Ghibli, Breath of The Wild"[2].

4."Tiny cute and adorable piglet adventurer dressed in a warm overcoat with survival gear on a winters day, jean - baptiste monge, anthropomorphic"[2].

5."Walking among the jacarandas"[2].

6."Full page antique lithograph of gemstones minerals, White background, art print, clean brush stroke, realistic highly detailed, 8k post-processing highly detailed, rendered by octane engine, etsy"[2].

7."How world looks like in 100 years, intricate, highly detailed"[2].

8."Staring up into the infinite celestial library, endless books, flying books, starry, sublime, cinematic lighting, watercolor, mc escher, dark souls, bloodborne, matte painting"[2].

MidJourney

Tips for generating images with MidJourney:

1. Be as specific as possible: When crafting your prompt, try to include as many details as you can that might help MidJourney generate the image you want. This could include specifying colors, textures, angles, or anything else that might be relevant. For instance, instead of saying "a castle", you might say "an imposing and highly ornamented fantasy castle, carved from sapphire stone, with dramatic lighting and beautiful landscape"[12].

2. Use descriptive words: Descriptive words can help guide MidJourney to create the kind of image you want. For instance, using words like "photorealistic", "aerial view", or "8k octane render" can help provide additional context and detail for the AI[13].

3. Experiment and learn: Don't be afraid to play around with different inputs. If you're not getting the results you want, try altering your prompt or using different descriptors. The more you use the tool, the more you'll learn about what kinds of inputs lead to the best results[4].

MidJourney

Other tips for generating images:

1. MidJourney to generate a certain kind of image, being vague and leaving room for interpretation can also lead to interesting results. For instance, the prompt "walking among the jacarandas" led to a stunning piece of art[16].

2. Include the style or technique you want: If there's a certain art style or technique you want the AI to emulate, include that in your prompt. For instance, you might specify "watercolor", "mc escher", or "matte painting"[1].

3. Reference known entities or styles: If you want to evoke a certain mood or style, you can reference known entities or styles in your prompt. For instance, you might say "by Miyazaki, Nausicaa Ghibli, Breath of The Wild" to evoke a certain fantasy style[1].

To get more in depth tips on using MidJourney look here.

Grammarly

Grammarly is an online writing assistant that helps users correct and improve their writing. It uses artificial intelligence (AI) and natural language processing to identify potential errors and provide suggestions for improving grammar, punctuation, spelling, style, and tone.

Grammarly – How it works?

1.Grammar and Punctuation: Grammarly automatically detects grammar, punctuation, spelling, word choice, and style mistakes in your writing. For example, if you write "Their are mistakes in you're document," Grammarly will suggest changing "Their" to "There" and "you're" to "your".

2.Writing Style and Tone: Grammarly also provides suggestions to help improve your writing style and make your writing more clear, concise, and engaging. For example, it may suggest replacing a vague word with a more precise one or removing unnecessary words. Furthermore, Grammarly's tone detector can provide feedback on the tone of your writing (e.g., formal, informal, friendly, confident) to help ensure it aligns with your intended audience and purpose.

3.Plagiarism Checker: Grammarly's premium version includes a plagiarism detector that compares your text to billions of web pages and academic papers to ensure your writing is original.

4.Writing Goals and Performance: Grammarly allows you to set goals based on your intent, audience, style, and emotion. These goals help Grammarly provide more customized feedback. The tool also provides performance stats about your writing, such as readability score, word count, and vocabulary usage.

5.Integration: Grammarly integrates with various platforms, including web browsers (through a browser extension), Microsoft Word, and Google Docs. It also has a web editor and a desktop app. This means you can get real-time feedback as you write in your browser, word processor, or on Grammarly's own platform.

Grammarly - Advantages

•**Improved Writing Skills**: By providing real-time feedback and explanations for suggested changes, Grammarly helps users understand their mistakes and avoid them in the future, thereby improving their writing skills over time.

•**Time-saving**: Grammarly can save users time on proofreading by automatically detecting errors and providing suggestions for improvement.

•**Versatility**: Grammarly is useful for a wide range of writing tasks, including essays, emails, social media posts, and professional documents.

•**Confidence**: By helping users ensure their writing is clear, mistake-free, and effective, Grammarly can increase their confidence in their writing.

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Eightify

Eightify is a tool that uses OpenAI's ChatGPT to provide summaries of YouTube videos. It's designed to help users extract the key ideas from videos efficiently and swiftly.

Official website

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Eightify – Main Features

The main features and benefits of Eightify include:

• Keep up with the rapid pace of AI and GPT technology.
• Watch all the podcasts you've been meaning to catch up on.
• Get key insights and summaries in just 10 seconds.
• Stay updated with AI news, business education, personal growth content, and more.
• Save time by getting the gist of videos quickly.
• Avoid wasting time on irrelevant videos.
• Useful for various types of content like podcasts and interviews, news reports, product reviews, educational videos, and tutorials[1].

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Eightify - Usage

The usage of Eightify is straightforward:

1. Open the webpage of the YouTube video you want to summarize.
2. Click the 'Summarise' button provided by the Eightify extension.
3. In about 10 seconds, you'll receive an AI-generated summary of the video content[1].

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Magical AI

The Magical AI Chrome extension is a free AI writer and text expander that automates repetitive tasks, leveraging OpenAI tools like ChatGPT and GPT4. It's designed to increase your productivity by generating AI-powered messages, emails, and customer replies from any site or app. Users can save their favorite messages as templates and expand them instantly using the extension's text expander feature.

Magical AI - Automation

The extension can automate tasks such as:

- AI-generated messages: Users can write messages based on OpenAI's GPT4 prompts and save frequently used messages as templates to use anywhere they work. The extension will fill the message with the recipient's personal variables automatically.
- Data entry: The extension allows users to quickly update any database like a CRM, ATS, or EMR automatically using Magical's transfers.
- Filling sheets: It can be used to move information from any site or app into Google Sheets with one click.
- The extension is also designed to improve team productivity by putting the team's most effective messages and automated workflows at the fingertips of everyone. It is compatible with over 10 million apps where you already work, like Salesforce, Zendesk, Gmail, LinkedIn, Greenhouse, and any other website.

Magical AI - Instalation

Setting up the extension is quick and straightforward as it does not rely on integrations, APIs, or complex workflow builders. You can simply download it and start saving time with simple automations. The AI and automation are readily available for use anywhere, anytime, and the extension speeds up repetitive tasks like messaging, data entry, and more as you work[1].

ConversAI

ConverseAI is an AI chat app designed for iOS that aims to transform conversations into delightful experiences. The key features and advantages of it include:

1.**Robust Privacy**: It provides a high level of privacy by storing private conversations exclusively on your device.
2.**Cutting-Edge AI**: ConverseAI utilizes an advanced language model to facilitate seamless chats.
3.**Eclectic AI Characters**: The app provides a diverse, handpicked library of AI personalities that can guide and enrich your conversations.
4.**Code-Friendly**: It offers syntax highlighting to make coding on the go easier, producing clear, readable responses in your chats.
5.**User-Centric Design**: The interface of ConverseAI is sleek and intuitive, making it easy to navigate and use.
6.**Continuous Innovation**: ConverseAI promises regular updates and new features to keep your conversations dynamic and captivating[1].

Perplexity – Ask AI

The Perplexity - Ask AI is a Chrome extension that acts as a superpower for your curiosity, enabling you to ask questions or get instant summaries while you browse the internet. It is described as a combination of ChatGPT and Google, capable of searching the internet and providing quick answers with cited sources whenever you have a question. Furthermore, if you are on a page, it can instantly summarize it for you.

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Perplexity – Ask AI – Key features

1. Instant summary of your current page: This feature can be particularly useful when you're reading lengthy articles or complex content, as it provides a brief summary of the page you're on.
2. Quickly ask any question from your toolbar: The extension enables you to ask questions directly from your browser's toolbar, making it easy to find answers without having to navigate away from your current page.
3. Ask questions about your current page: If you're unsure about something on the page you're viewing, you can ask Perplexity for more information.
4. Ask questions focused on your current domain: This can be useful when you're researching a specific website or platform and want to know more about it.
5. Share your answers with a link: If you find an answer particularly useful, you can share it with others via a link.
6. Click to ask follow-up questions: This feature allows you to engage in a more interactive question-and-answer session, asking further questions based on the answers you receive[1].
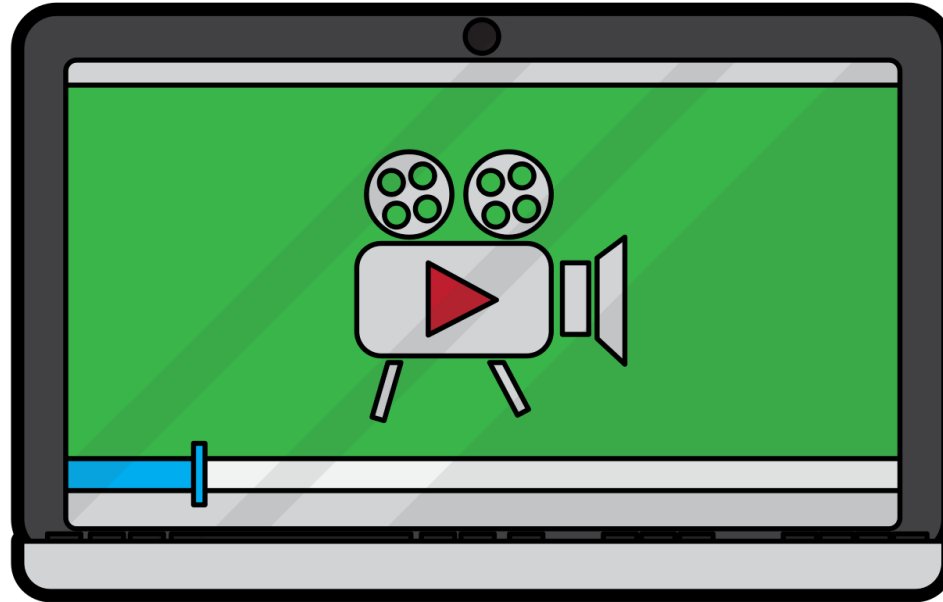
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Element AI

Element AI is a company that develops artificial intelligence software, with a suite of products, services, and tools designed to operationalize and create business impact. The technology is geared toward problem-solving and is designed to continuously learn and improve, providing its users with access to cutting-edge AI capabilities and deep domain expertise. This allows clients to unlock insights, accelerate adoption, and empowers their employees to make decisions using explainable solutions[1].

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Element AI

It is not a Chrome extension or a Visual Studio Code extension. Rather, it's a comprehensive platform that provides a suite of tools and services for developing and deploying AI models without the need for complex coding. The platform allows users to rapidly build AI systems tailored to their specific use cases and quickly deploy them in production. Element AI also provides ongoing support and maintenance, enabling businesses to continuously refine their AI models and keep up-to-date with the latest AI technology developments. It is designed with an intuitive user interface and comprehensive features, making it a suitable choice for businesses of all sizes, from startups to enterprise-level organizations[1].

Element AI - Advantages

1. The ability to develop AI models without the need for complex coding, making the technology more accessible to a broader range of users.

2. The platform enables users to quickly deploy AI models in production, facilitating rapid implementation and integration into existing workflows.

3. Element AI allows for the continuous refinement of AI models for optimal performance, ensuring that the technology remains up to date and effective as the AI landscape evolves[2]

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Videos:

AutoGPT is INSANE! 🤯 Step by Step Full Setup Guide {9} - https://www.youtube.com/watch?v=G96zsCmxQPQ
Welcome to Codeium (1) - https://www.youtube.com/watch?v=qVwHLWXI2X0
Midjourney Beginners Tutorial – Getting Started & Creating (5) - https://www.youtube.com/watch?v=90tXPbyRGS8
How to Use Grammarly - Beginner's Guide(10) - https://www.youtube.com/watch?v=FJ_ZWAUO78s