

Run your whole job search with AI, on your own computer

Setting up AI Job Search — a free, open-source tool that finds jobs, judges whether they fit you, and writes a tailored CV and cover letter for each one. No coding experience needed.

WHAT IT IS

A job application assistant that lives in a folder on your machine

AI Job Search is a free set of instructions you download. It turns Claude Code — Anthropic's assistant that runs in your computer's command line — into an assistant that knows your CV, searches job boards, scores each posting against your profile, and produces a finished CV and cover letter as PDFs. Your career data never leaves your computer.

WHAT IT DOES

Six things, from finding the job to walking into the interview

- Searches job boards and ranks the results by how well they actually fit you
- Scores each posting honestly — strengths, gaps, and things that rule it out
- Writes a tailored two-page CV and a one-page cover letter, compiled to PDF
- Runs a second AI reviewer that researches the company and critiques the draft before you ever see it
- Reads the finished CV back the way an applicant tracking system would
- Builds interview prep from the exact posting and CV the interviewer read, and tracks every application in one file

WHAT IT REPLACES

The Sunday you lose to every application

Tailoring a CV and writing a cover letter by hand is roughly two hours per application, which is why most people send the same generic one to forty companies. The person who built this used it on his own search after his position was cut: 69 tailored applications, 20 first interviews, one signed contract. It is MIT-licensed and free. The only thing you pay for is a Claude subscription, which you may already have.

BEFORE YOU START

Four things to have ready

A Mac or a Windows 10/11 PC. Both work. Every command below is given for both.

A paid Claude plan — Pro, Max or Team. The free plan does not include Claude Code, so nothing here will run.

→ **To check:** go to **claude.ai**, click your initials in the bottom-left corner, then **Settings**. Your plan is listed there. If it says Free, upgrade before continuing.

About 8 GB of free disk space and roughly 40 minutes, most of which is one large download running in the background.

→ **To check:** on Mac, click the Apple logo (top-left) → **About This Mac** → **More Info** → **Storage**. On Windows, open **File Explorer** → **This PC**, and read the free space under your C: drive.

A willingness to paste text into a black window. That is the whole technical requirement. Every command below is copy-paste ready — nothing to fill in.

STEP 1

Open the terminal

The terminal is the window where you type commands instead of clicking. You will use it for steps 1 to 4, and then barely at all.

- 1 **On Mac:** press **⌘ + Space**, type *Terminal*, press Enter.

A plain white or black window opens with a short line of text and a blinking cursor. That is normal — it is just waiting for you.

- 2 **On Windows:** press the **Start** button, type *PowerShell*, press Enter.

Use PowerShell, not Command Prompt. You can tell them apart by the prompt: PowerShell starts the line with **PS**.

Install Claude Code

This is the assistant that does the actual work. **If you already have it, skip to Step**

3.

1 Mac — paste this in and press Enter

```
curl -fsSL https://claude.ai/install.sh | bash
```

2 Windows — paste this into PowerShell and press Enter

```
irm https://claude.ai/install.ps1 | iex
```

3 Close the terminal window completely, then open a new one

This is not optional. The new window is what picks up the newly installed command.

4 Check it worked

```
claude --version
```

You should see a version number such as 2.1.211 (Claude Code). If you get "command not found", close and reopen the terminal once more.

STEP 3

Install Bun

Bun is a small free tool that runs the job board search scripts. You will never interact with it directly.

1 Mac

```
curl -fsSL https://bun.sh/install | bash
```

2 Windows

```
powershell -c "irm bun.sh/install.ps1|iex"
```

3 Open a new terminal window and check it

```
bun --version
```

A number like 1.3.4 means it worked.

STEP 4

Install LaTeX

LaTeX is the typesetting engine that turns your CV into a properly laid out PDF. It is the biggest download here — start it, then go do something else for half an hour. This one is a normal installer you click through, not a command.

1 Mac: go to tug.org/mactex and download MacTeX. Open the downloaded file and click through with the default options.

Around 6 GB. Your Mac will ask for your password during the install — the password field shows nothing at all as you type, not even dots. That is normal, keep typing and press Enter.

2 Windows: go to miktex.org/download and download the MiKTeX installer. Click through with the defaults.

When it asks whether to install missing packages on the fly, choose **Yes**. This saves you from errors later.

STEP 5

Download the framework

1 Go to github.com/MadsLorentzen/ai-job-search

2 Click the green **Code** button → **Download ZIP**

Then unzip it and move the folder somewhere you will find again, such as Documents.

3 Do not use the Fork button

A fork of this project is always public on GitHub, and Step 7 writes your name, contact details, employment history and salary expectations into files inside the folder. Downloading the ZIP keeps all of it on your own machine, where it belongs.

Open the folder in Claude Code

- 1 **In the terminal, type `cd` and a space — then drag the folder onto the terminal window and press Enter**

Dragging pastes the folder's location for you, so you never have to type a path. This works on both Mac and Windows.

- 2 **Start it**

```
claude
```

The first time, a browser tab opens asking you to log in to your Claude account. It may also ask permission to read files in this folder — say yes; that is the whole point.

STEP 7

Build your profile

Everything the tool produces is only as good as what you tell it about yourself. This step is worth twenty unhurried minutes.

- 1 **Put your existing CV as a PDF into the *documents/cv* folder first, if you have one**

Same for a LinkedIn profile export or old cover letters. It reads whatever is there.

- 2 **Type this into Claude Code and press Enter**

```
/setup
```

It reads your documents, or interviews you if you have none. Answer with detail: what you actually did in each role, which tools, which projects, what energised you and what drained you. Job titles alone produce generic applications.

STEP 8

Find jobs and apply

- 1 **Ask Claude Code to set up the search tools, in plain words**

```
Install the job search tools in .agents/skills
```

It runs the installs for you. One-time step.

- 2 **Search, then shortlist**

```
/scrape
```

Follow it with **/rank** when a search returns more jobs than you want to read through — it scores them all and hands you a shortlist.

- 3 **Apply to one, by pasting its link**

```
/apply https://link-to-the-job-posting
```

It evaluates the fit, drafts both documents, has a second agent critique them, revises, compiles the PDFs and checks them. A few minutes later you have a finished CV and cover letter to read, adjust and send. That's it.

GOOD TO KNOW

The job boards it ships with are Danish. Type **/add-portal** and give it your local one — finn.no, Arbetsförmedlingen, a national portal, anything — and it builds the search tool for you. LinkedIn works in any country out of the box.

There is more in the box than the application itself. **/interview** builds a prep pack from the exact posting and CV the interviewer read, and will run a mock interview with you. **/outcome** logs rejections, interviews and offers. **/html-report** turns the whole search into a dashboard you can open in your browser. **/upskill** shows you which skills keep appearing in the jobs you want and are missing from your profile.

It will not invent experience you do not have. Gaps stay visible rather than being padded over — which is the correct behaviour, since the interviewer will ask. Read every draft before you send it.

Starting over is easy. **/reset profile** wipes your data and leaves the framework intact. Nothing is deleted until you type RESET to confirm.