

# How to Write a Resume in LaTeX

While Microsoft Word can be great, when it comes to writing technical documents like engineering reports, Word is irritating to say the least. LaTeX is a technical document creation program that allows engineers to write technical document...

## Sample Resume and LaTeX Code

Picture 1 of How to Write a Resume in LaTeX

Sample LaTeX Resume

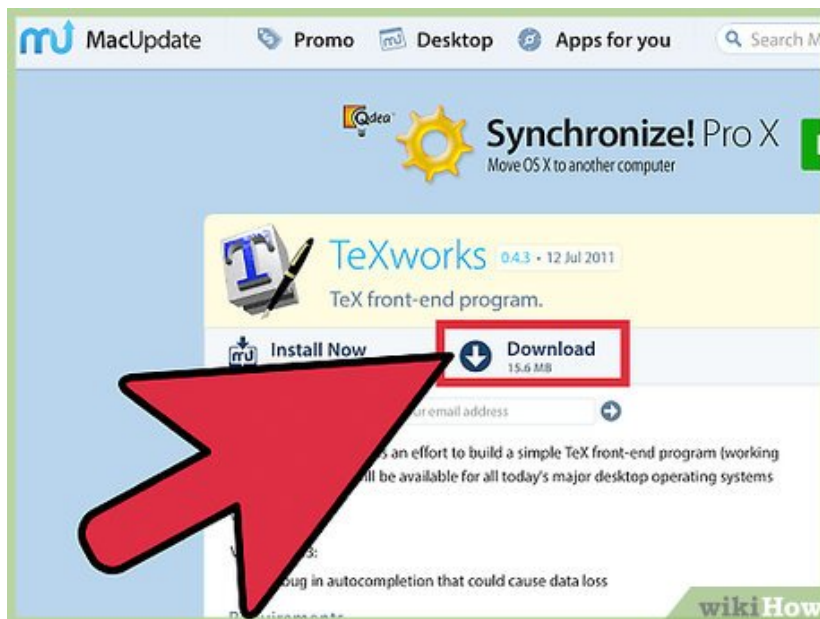
Picture 2 of How to Write a Resume in LaTeX

LaTeX Resume Template

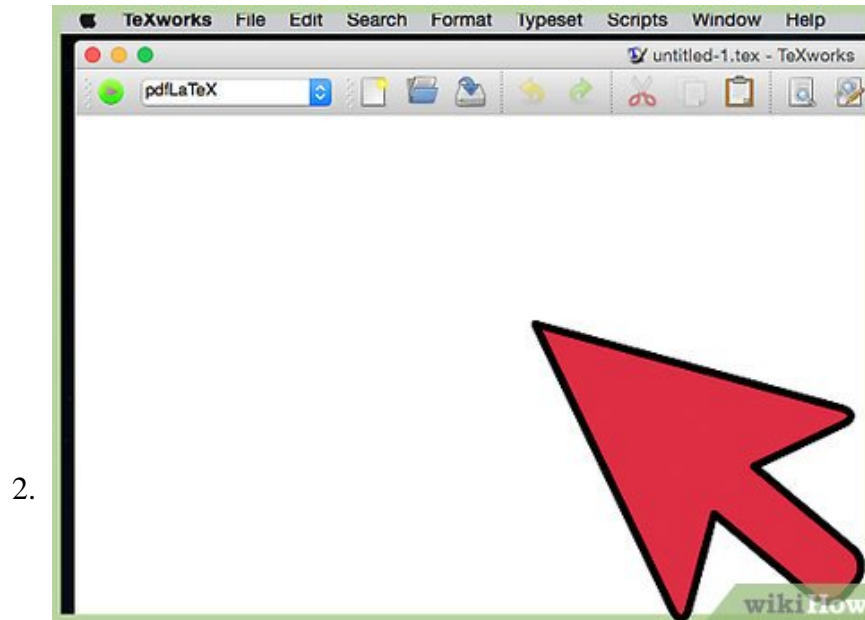
Method 1 of 7:

## Writing a Resume in LaTeX

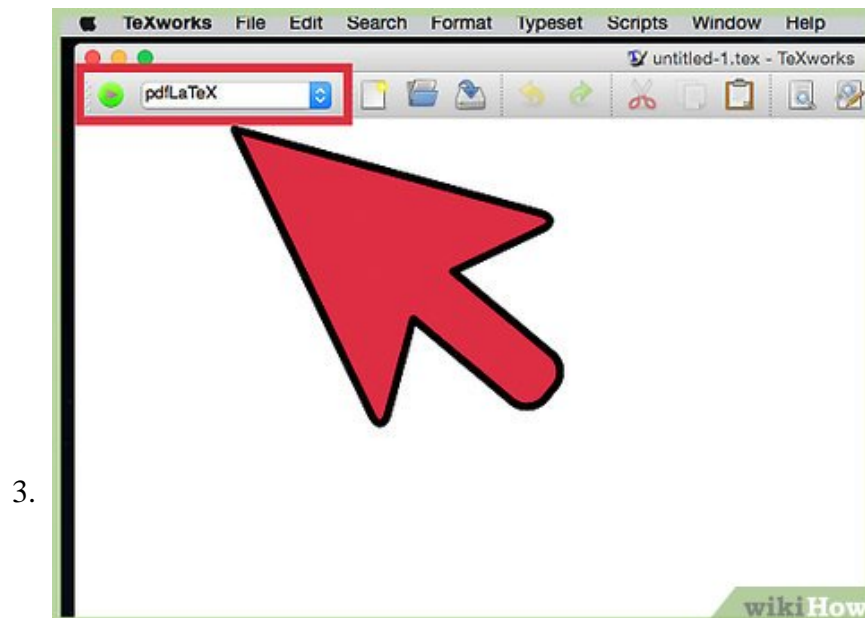
1.



**The first step is to download a free copy of a LaTeX editor.** Although any LaTeX editor should work. This article is written specifically for TeXworks.



When you open up Tex Works you should see a screen like this:



**Change the top left menu to pdfLaTeX:** I also would suggest going into Format/Syntax Highlighting and selecting LaTeX, as this will make your code easier to read.

Method 2 of 7:

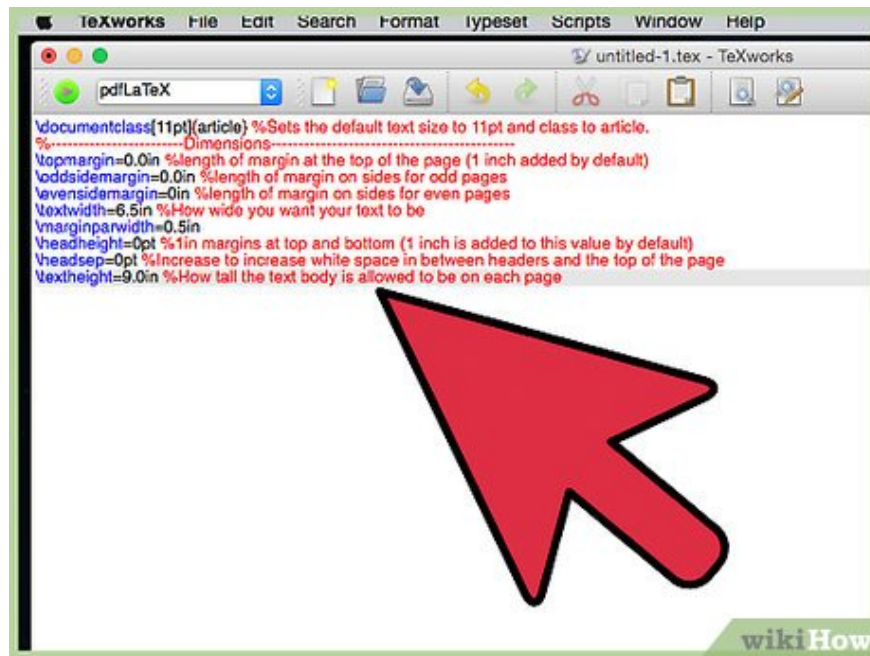
## Set Up the Document

1. **In LaTeX, you have to set up each of the margins manually, which can seem tedious at first.** However if you have too much information or too little, these settings can be easily adjusted to make your document look its best. This can be done with the following code:

```

documentclass[11pt]{article}
%Sets the default text size to 11pt and class to article.
%-----Dimensions-----
topmargin=0.0in
%length of margin at the top of the page (1 inch added by default)
oddsidemargin=0.0in %length of margin on sides for odd pages evensidemargin
=0in %length of margin on sides for even pages textwidth=6.5in
%How wide you want your text to be marginparwidth=0.5in headheight=0pt
%1in margins at top and bottom (1 inch is added to this value by default)
headsep=0pt
%Increase to increase white space in between headers and the top of the page
textheight=9.0in %How tall the text body is allowed to be on each page

```



Method 3 of 7:

## Begin the Document

1. **The next step is to actually begin your document.** In LaTeX this is done by simply inserting the following code:

```

begin{document} end{document}
%These two pieces of code tell LaTeX that everything that goes in between these

```



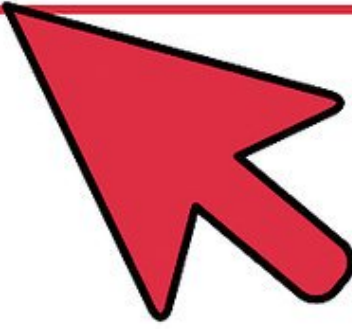
Method 4 of 7:

## Make the Header

1. **In LaTeX you write your document in the same manner that would would in Word, except you have to use commands like:**


```
centerline{}
%Makes whatever text you put in parenthesis move to the center noindent
%Prevents the following text from being indented large, Large, LARGE
%Make the following text larger (each one is a bigger font)
%This is the same as a return in Latex
```

```
\begin{document}
\end{document}
%These two pieces of code tell LaTeX that everything that goes in between these tags is what you
\centerline{} %Makes whatever text you put in parenthesis move to the center
\noindent %Prevents the following text from being indented
\large, \Large, \LARGE %Make the following text larger (each one is a bigger font)
\\ %This is the same as a return in Latex
```



wikiHow

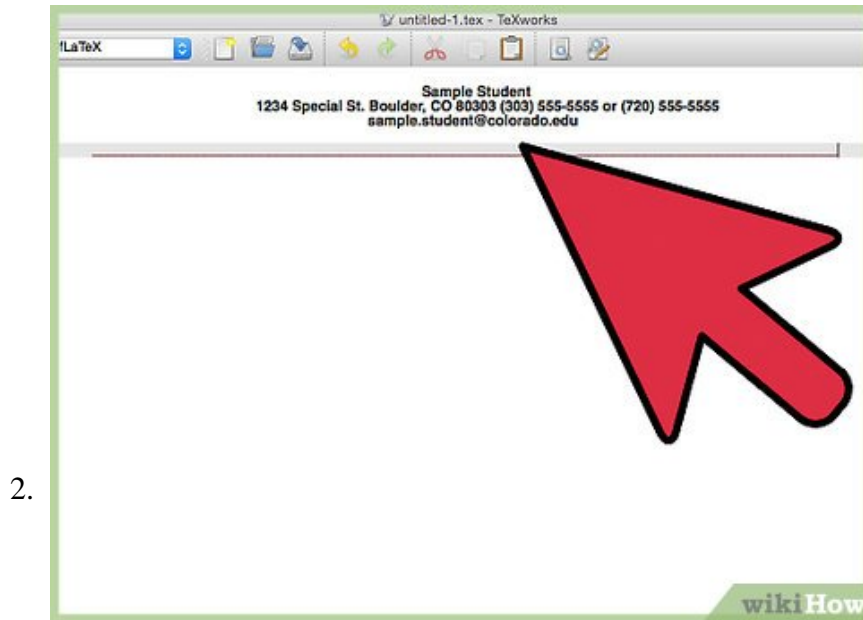
```
\begin{document}
\end{document}
%These two pieces of code tell LaTeX that everything that goes in between these tags is what you
\centerline{} %Makes whatever text you put in parenthesis move to the center
\noindent %Prevents the following text from being indented
\large, \Large, \LARGE %Make the following text larger (each one is a bigger font)
\\ %This is the same as a return in Latex
```



wikiHow

1.

**The return key also plays a key role in designing LaTeX documents.** If you return twice as if to make a new paragraph, LaTeX will treat that as a new paragraph and ignore any formatting code used for the previous paragraph. We will see how this comes in handy later.



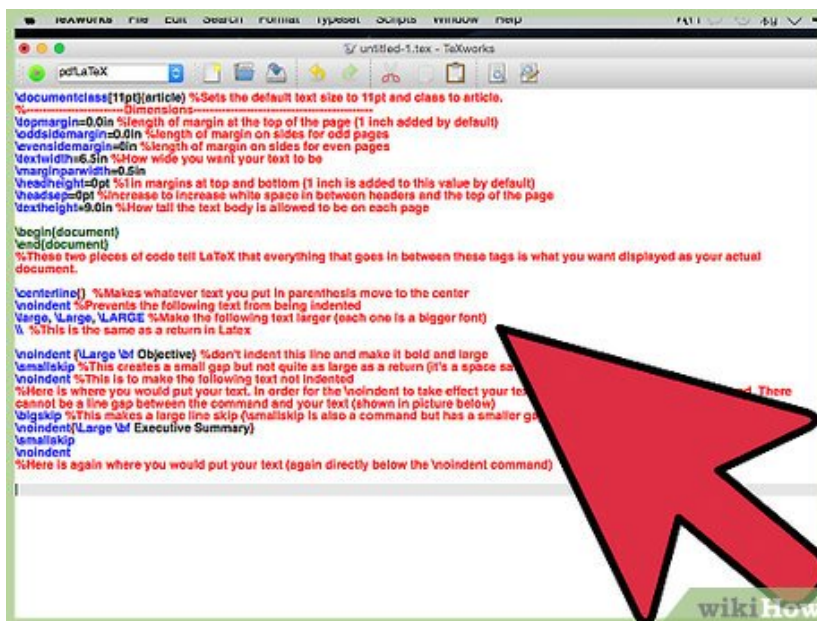
**At this point your document should look like this:**

Method 5 of 7:

## **Making the Body**

1. **The next part of your resume should be some simple objective and summary type sections.** This can easily be accomplished by making headers and following them with text. Here is an example:

```
noindent {Large bf Objective}
%don't indent this line and make it bold and large smallskip
%This creates a small gap but not quite as large as a return (it's a space saver
noindent %This is to make the following text not indented
%Here is where you would put your text. In order for the noindent to take effect
bigskip
%This makes a large line skip (smallskip is also a command but has a smaller gap
noindent{Large bf Executive Summary} smallskip noindent
%Here is again where you would put your text (again directly below the noindent o
```



1.

Below are examples of how your text should look in LaTeX and how your document should look so far:

Method 6 of 7:

### Extra Helpful Commands

1. While this may look a little bit silly on the sample resume we created, it serves the purpose of demonstrating how you can make columns in LaTeX. In order to do a list of known programming languages I used the following command:



```

%These two pieces of code tell LaTeX that everything that goes in between these tags is what you want in
document.


\centerline{ } %Makes whatever text you put in parenthesis move to the center
\noindent %Prevents the following text from being indented
\large, \Large, \LARGE %Make the following text larger (each one is a bigger font)
\ %This is the same as a return in LaTeX

\noindent {\Large \bf Objective} %don't indent this line and make it bold and large
\smallskip %This creates a small gap but not quite as large as a return (it's a space saver)
\noindent %This is to make the following text not indented
%Here is where you would put your text. In order for the \noindent to take effect your text must be directly
cannot be a line gap between the command and your text (shown in picture below)
\bigskip %This makes a large line skip (\smallskip is also a command but has a smaller gap)
\noindent{\Large \bf Executive Summary}
\smallskip
\noindent
%Here is again where you would put your text (again directly below the \noindent command)

\fill %This command will create even spacing between whatever you put it in between (text and margin, text
and text, etc.)

\noindent %Make sure that there is no line skip for as long as you want this effect
Can Program in a large variety of languages including: \ %The \ is the same as a return
\centerline{\fill \bullet$ C++ \fill \bullet$ Python \fill \bullet$ Perl\fill}\
\centerline{\fill \bullet$ Bash \fill \bullet$ IDL \fill}\
Proficient with the following engineering applications: \
\centerline{\fill \bullet$ MatLab \fill \bullet$ Solid Works \fill \bullet$ EES \fill}\
\noindent{\Large \bf Professional Experience}
\smallskip
\centerline{ {\Large \bf Laboratory for Atmospheric and Space Physics \fill 2011 Present} }
\bullet$ Mission Operations and Subsystem Analysis
\bullet$ Analysis of the SORCE and AIM Power Subsystems
\bullet$ Analysis of the TIM SORCE Instrument and QSCAT Scatterometer
\bigskip

```



```

\documentclass[11pt]{article} %Sets the default text size to 11pt and class to article.
%-----Dimensions-----
\topmargin=0.0in %length of margin at the top of the page (1 inch added by default)
\oddsidemargin=0.0in %length of margin on sides for odd pages
\evensidemargin=0in %length of margin on sides for even pages
\textwidth=6.5in %How wide you want your text to be
\marginparwidth=0.5in
\headheight=0pt %in margins at top and bottom (1 inch is added to this value by default)
\headsep=0pt %increase to increase white space in between headers and the top of the page
\textheight=9.0in %How tall the text body is allowed to be on each page

\begin{document}
\end{document}
%These two pieces of code tell LaTeX that everything that goes in between these tags is what
document.

\centerline{ } %Makes whatever text you put in parenthesis move to the center
\noindent %Prevents the following text from being indented
\large, \Large, \LARGE %Make the following text larger (each one is a bigger font)
\ %This is the same as a return in LaTeX

\noindent {\Large \bf Objective} %don't indent this line and make it bold and large
\smallskip %This creates a small gap but not quite as large as a return (it's a space sa
\noindent %This is to make the following text not indented
%Here is where you would put your text. In order for the \noindent to take effect your text must be directly below the command. There
cannot be a line gap between the command and your text (shown in picture below)
\bigskip %This makes a large line skip (\smallskip is also a command but has a smaller gap)
\noindent{\Large \bf Executive Summary}
\smallskip
\noindent
%Here is again where you would put your text (again directly below the \noindent command)

\fill %This command will create even spacing between whatever you put it in between (text and margin, text and text, etc.)

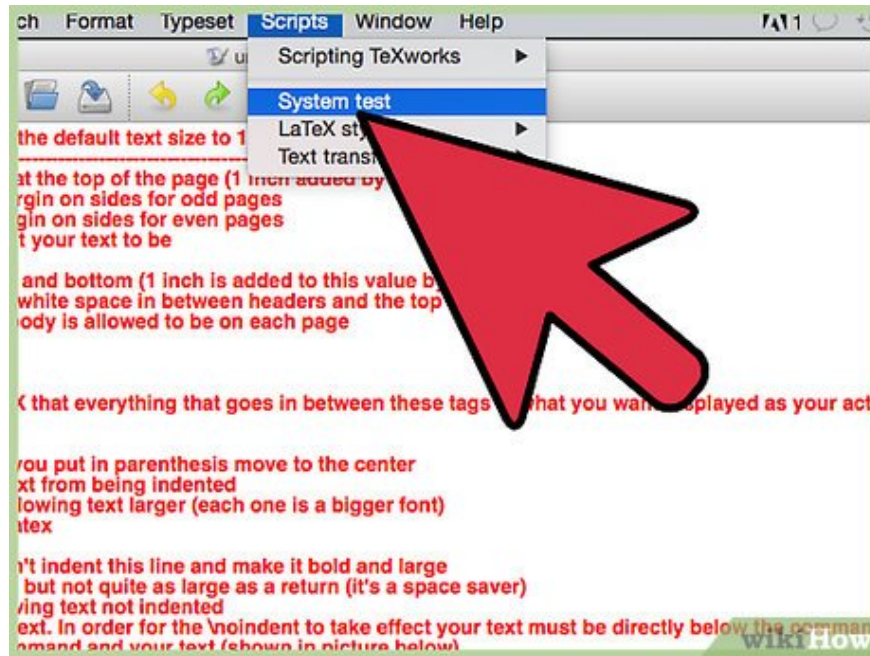
\noindent %Make sure that there is no line skip for as long as you want this effect
Can Program in a large variety of languages including: \ %The \ is the same as a return
\centerline{\fill \bullet$ C++ \fill \bullet$ Python \fill \bullet$ Perl\fill}\
\centerline{\fill \bullet$ Bash \fill \bullet$ IDL \fill}\
Proficient with the following engineering applications: \
\centerline{\fill \bullet$ MatLab \fill \bullet$ Solid Works \fill \bullet$ EES \fill}\
\noindent{\Large \bf Professional Experience}
\smallskip
\centerline{ {\Large \bf Laboratory for Atmospheric and Space Physics \fill 2011 Present} }
\bullet$ Mission Operations and Subsystem Analysis
\bullet$ Analysis of the SORCE and AIM Power Subsystems
\bullet$ Analysis of the TIM SORCE Instrument and QSCAT Scatterometer
\bigskip

```



1.

- Repeat these last 4 lines for each section you want to add.
- Here is a look at the code and the product after you add in these lines:



Method 7 of 7:

## Finishing Up

1. Now all you need to do to finish the resume is add in more sections (using the same steps show above), tweak your dimensions, and it never hurts to have a professional look at it to make sure you did a good job. I hope this is helpful to whoever decides to use it, and I hope it will inspire more people to start learning LaTeX as it can be a great skill to have.

You finished reading the article "**How to Write a Resume in LaTeX**" edited by the [TipsMake](#) team. We hope this article has provided you with many useful tech tips and tricks. You can search for similar articles on tips and guides. Thank you for reading and for following us regularly.