UNIVERSITY OF CALIFORNIA, MERCED

CSE 15: Discrete Mathematics
Homework 1

Spring 2020

Introduction

This assignment is meant to give you practice with LaTeX, where you will be asked to typeset material that you are familiar with. This includes some high school algebra problems, and your CV.

In completing these exercises you may be tempted to make specific modifications to your text, such as changing fonts, colors, or positioning, and you may grow frustrated with LaTeX because it is not easy to do these things. If you find yourself in this situation, please try to focus only on the content of your document, and let LaTeX take care of the formatting using its default settings. The result will look good, I promise.

Mathematical Typesetting

Create a new LaTeX document and type out the solutions to the equations below. Your document should include an appropriate title, your name, as well as a date. Please number your solutions appropriately. Upload your `.tex` and your `.pdf` files under the relevant CatCourses assignment.

1. $(x - 2)(x + 4) = 7$

2. $(x - 3)^2 = 4$

3. $\sqrt{(x - 2)} + 2 = 4$

Curriculum Vitae

Suppose you are applying for a job that you really like. Having a good CV is an essential part of the process. Create a new LaTeX document and type up your CV. It should include at least the following sections: Personal Information, Education, Work Experience. You may also include other sections pertaining to awards you have won, or whatever you think is appropriate. You can include as much detail as you want, except in the Personal Information section, which should only have your name, and UC Merced email address. Please do not include any other personal information such as phone numbers, physical addresses, gender, ethnicity, etc. Please upload your `.tex` and your `.pdf` files under the relevant CatCourses assignment.