

# Cristina Gratton

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## Software Engineer in St. Louis, MO

I care about creating beautiful websites that solve problems and help people achieve their needs both at work and at home.

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**GITHUB** <https://github.com/cristinagrattton> | **PORTFOLIO** <https://cristinagrattton.me/>

**LINKEDIN** <https://www.linkedin.com/in/cristina-gratton-b16765a1/>

## PROJECT EXPERIENCE

### Research Website — Research Asst. Professor at Northwestern

- Designed and created website for client using Adobe XD
- Remote client meetings throughout design and implementation process
- Responsible for set-up of the website server and domain purchase through NameCheap and cPanel

## WORK EXPERIENCE

### Science Teacher — Ferguson-Florissant School District, Saint Louis

Aug 2017-Aug 2020

- Created and implemented daily lesson plans for over 120 students which required high amounts of classroom management and differentiation
- Created curriculum timelines for my classes and managed 6 different class timelines and classroom preparations simultaneously
- Coached the technology student association after school where over 20 students worked on various STEM themed problems for competition. Created a budget and timeline to work with students on their upcoming competitions. Students successfully placed in state competition and achieved first place in multiple events.

### Epidemiology Research Assistant — Grigsby-Toussaint Lab

University of Illinois

Aug 2013-Aug 2014

- Analyzed and compiled data from an index of research papers on the rise of non infectious diseases in sub-saharan Africa. Research analyses were completed in Excel
- Created and presented a poster at the Undergraduate Research Symposium.

### Undergraduate Research Assistant — Smith-Bolton Lab,

University of Illinois

Aug 2012-Aug 2013

- Headed my own project on tissue regeneration in fruit flies and worked on a live imaging microscope project. Researched actins role in tissue regeneration.

## EDUCATION

## SKILLS

### PROGRAMMING LANGUAGES

- Javascript
- Java
- SQL
- HTML5/CSS3

### FRAMEWORKS

- REACT
- AngularJS

### DATABASES

- MySQL

### TOOLS

- Visual Studio Code
- Atom
- IntelliJ
- AdobeXD
- GitHub

## AWARDS

### Washington University:

Academic Scholarship

### University of Illinois:

Dean's List,  
Chancellor's Scholar,  
James Scholar, Cum Laude, Summer Research Fellowship

**LaunchCode**, LC101 Programming Course — 2022  
**Cornell University**, Web Design and Development Cert — 2021  
**Washington University in St. Louis**, MA, Teaching — 2016  
**University of Illinois Urbana**, BS, Molecular and Cellular  
Biology— 2015

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