

Cristina Gratton

Software Engineer in Chicago, IL

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WORK EXPERIENCE

Front End Developer — BUNDLAR, Chicago

Jul 2022-

- Developed and maintained front-end features using HTML, CSS and Typescript using the AngularJS framework for our Content Management System (CMS).
- Collaborated with our UX and product team to give implementation based feedback for new designs and features on our CMS.
- Headed, planned and completed a refactoring project for global styles throughout our CMS
- Collaborated with the back-end team to help create front to back features by defining end point interface structures.
- Implemented cypress based end to end testing to identify system level errors or bugs originating from expected user actions.
- Solved bugs in our CMS found by our QA and product teams
- Some features that I have added within our CMS include:
 - Search by Bundle name, code, date created or all three
 - Change experience trigger type after it has been created in addition to at the time of creation.
 - Enabled the renaming, duplication and deletion of layers
 - Added ability to collapse/expand all layers
 - Added ability to copy Bundle access codes to the clipboard.
 - Added hotkeys and user customization of hotkeys for each user
 - Added snap to grid to settings and ability to edit snap to grid settings

PROJECT EXPERIENCE

Microgreen Farm Web App — Front End Technical Lead

- Created a microgreen farm app in collaboration with 4 other people
- The app used React and bootstrap to be constructed on the front end and had a Java back end framework that communicated with SQL databases.
- The basis for the app included CRUD on inventory for a microgreen farm
- The app also included tracking the timeline of microgreen farm planting with a calendar of events

Research Asst. at Northwestern — Website Development

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

OTHER WORK EXPERIENCE

Science Teacher — Ferguson-Florissant Schools, Saint Louis

Aug 2017-Aug 2020

- Created content and implemented daily lesson plans for 120+ students

SKILLS

PROGRAMMING LANGUAGES

- Javascript
- Java
- SQL
- HTML5/CSS3

FRAMEWORKS

- REACT
- AngularJS

DATABASES

- MySQL

TOOLS

- Visual Studio Code
- Atom
- IntelliJ
- GitHub

General Skills

- Italian (fluent)

AWARDS

Washington University:

Academic Scholarship

University of Illinois:

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

- Coached the technology student association(TSA) after school where 20+ students worked on various STEM themed problems for competition.
- For TSA, built 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 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. Visualized data and presented a poster at the Undergraduate Research Symposium.

EDUCATION

LaunchCode, LC101 Programming Course — 2022

Cornell University, Web Design and Development Cert — 2021

Washington University in St. Louis, MA, Teaching — 2016 GPA: 3.97/4.00

University of Illinois Urbana, BS, Molecular and Cellular Biology— 2015
GPA: 3.81/4.00