Cristina Gratton

Software Engineer in Chicago, IL

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WORK EXPERIENCE

Frontend 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). Including
    - Robust text search functionality by multiple filter fields
    - Several editing tools similar to those in Photoshop, including the ability to duplicate, rename or delete layers and snap-to-grid functionality for precise layout editing
    - Customizable hotkeys
- Collaborated with our UX and product team to refine and scope new designs and features based on technical feasibility
- Headed, planned and completed a refactoring project for global styles throughout our CMS
- Collaborated with the back-end team to help define REST endpoint interfaces
- Implemented end to end testing using Cypress
- Solved bugs in our CMS found by our QA and product teams

Freelance Projects

Microgreen Farm Web App — Front End Technical Lead (6 months)

- Created a microgreen farm app in collaboration with 4 other people using React and Java as part of our front and back end frameworks that communicated with SQL databases.
- The app implemented CRUD on inventory for a microgreen farm and was able to track the timeline of microgreen farm planting with a calendar of events

Asst. Professor at Florida St. — Website Development (3 month project)

OTHER WORK EXPERIENCE

Science Teacher — Ferguson-Florissant Schools, Saint Louis

Aug 2017-Aug 2020

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

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

SKILLS

PROGRAMMING LANGUAGES

- Javascript
- Typescript
- Java
- SQL
- HTML5/CSS3

FRAMEWORKS

- REACT
- AngularJS
- Cypress
- Jasmine
- Spring Boot

DATABASES

- MySQL

TOOLS

- Visual Studio Code
- 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