

# Emmanuel Soto Ruiz

[Personal Portfolio](#) | New York, NY | (347) 604-5356 | [sotoruiz.emmanuel@gmail.com](mailto:sotoruiz.emmanuel@gmail.com)

## SKILLS

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<b>Programming</b>	Java • Python • JavaScript • PHP
<b>Web &amp; Database</b>	HTML • CSS • SQL • MongoDB
<b>Tech</b>	Unix • LaTeX • Git • Eclipse • Visual Studio Code • MS Office

## EDUCATION

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<b>New York University</b> , New York, NY	Sept 2018 - May 2023 (expected)
Bachelor of Arts, Computer Science	
Minor: Web Programming and Applications	
Relevant Coursework: Software Engineering (now), Data Management & Analysis, Web Development & Programming	

## PROJECTS

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<b>Sorting Visualizer</b>	Aug. - Sept. 2022
Personal Project: <a href="#">(Website)</a> — <a href="#">(GitHub)</a>	

- Created a VanillaJS application for visualizing sorting algorithms
- Implemented Merge Sort, Heap Sort, Bubble Sort, Selection Sort, Insertion Sort

<b>Pathfinding Visualizer</b>	July 2022
Personal Project: <a href="#">(Website)</a> — <a href="#">(Github)</a>	

- Built a Python application using Dijkstra's Algorithm to obtain the shortest path between two given nodes
- Implemented Pygame and TkInter to help create the design and graphical user interface of the application

<b>Chrome Extension App</b>	Jan. - Feb. 2022
Personal Project: <a href="#">(Video Demo)</a> — <a href="#">(Github)</a>	

- Individually built a Chrome Extension designed to increase a user's productivity by eliminating distracting websites
- Implemented Chrome Extension API to collect and analyze all data to successfully block the websites while timer is on

<b>University Course Registration System (Back-End)</b>	Sept. 2021
Coursework: <a href="#">(Website)</a> — <a href="#">(GitHub)</a>	

- Designed and engineered a program in which administrators and students can use to enroll in courses using Java and OOP
- Handled databases for accounts and courses to correctly build a menu to display and collect data
- Implemented a secured login page for students and admins to access accounts

<b>Personal Portfolio (Front-End)</b>	Oct. 2021
Personal Project: <a href="#">(Website)</a> — <a href="#">(Github)</a>	

- Created a personal portfolio website to showcase all my details and projects at one place
- Used: HTML, CSS, JavaScript

## WORK

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<b>Retail Sales Associate</b>	July 2021 - Oct 2021
Kohl's - Port Chester, NY	

- Maintained a clean, organized inventory and curated displays of rotating seasonal clothing and accessories
- Improved shopping experience for customers by delivering highest level of customer service through effective problem solving