

# Jessica Jumelles

Software Engineer

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## Educational Background

### Bachelor of Science in Computer Science, Minor: Mathematics, (Expected Graduation: 12/2021)

College of Staten Island, City University of New York (CUNY), Staten Island, NY

**Relevant Coursework:** Prob. & Statistic, Operating System, Data Structure, Computer Architect, Digital Circuits Design, Data Science, Object-Oriented Software Design, Analysis of Algorithms, Databases & Data Mining

### Associates in Applied Science in Mathematics with Honors, 2019

Borough Manhattan Community College, City University of New York (CUNY), New York, NY

**Relevant Coursework:** Java I & II, Discrete Structures, Cal I, II & III, Linear Algebra

**Certifications:** A+ CompTIA 901 & 902 (2017)

## Technical Proficiencies

<b>Languages:</b>	Java   HTML/CSS   JavaScript   Python   C++   C#   JSON   SQL
<b>Libraries/Frameworks/Services:</b>	Pandas   Sci-kit Learn   JavaFX   Swing   Pygame   React   Node   Express   AWS VS Code   Jupyter Notebook   Eclipse   PyCharm   Git/GitHub   Adobe Creative Suite
<b>Tools:</b>	Figma   Anaconda   MySQL   PostgreSQL

## Career Experience

### CUNY Tech Prep, New York

2021 - Current

Fellow, Software Development

Learned in-demand technologies, such as React, Node + Express, and PostgreSQL, as well as industry best practices for design, implementation, and deployment procedures inclusive of MVC, version control with Git/GitHub, Agile & Scrum with Trello/Slack, test-driven development, and CI/CD.

- Consistently accomplished set performance metrics through execution of end-to-end software development tasks at the highest quality standards.

### Total Deployment Solutions, New York

2017 - 2019

Computer Technician

Swiftly identified and resolved technical issues in desktop and laptop, including (computer peripherals, software, and printers for ensuring seamless IT support operations. Provided commissioning/decommissioning services related to enterprise IT equipment, including peripherals and cables out from desks.

- Actively engaged in a team for the deployment/disassembly of 300+ workstations in line with specified guidelines at an agreed timeline.

### New York Hall of Science

2017

Web Content Management/Social Media Intern

Formulated and executed marketing campaigns through effective utilization of MailChimp for multi-channel events, including email and social media marketing. Provided technical support with the migration of new website and web content management with extensive use of WordPress, such as fixing broken links, optimizing SEO, eliminating typographical errors, and formatting inconsistencies to drive audience engagement.

- Increased website viewing rate by 15% through planning and launch of several marketing campaigns.

## Key Projects

- [Flixster, 2021](#)
  - Developed an android app that allows user to browse currently playing movies in theater from The Movie Database API.
  - Features include being responsive in landscape/portrait mode, exposing details of the movie(RatingBar, popularity, and synopsis), and utilizing YouTube Data API v3 to view trailers from YouTube.
- [Fight Against Covid. CUNY Tech Prep Hackathon \(Winner of Honorable Mention\), 2021](#)
  - Developed a python-based game application in a team of three staff members to create an endless runner side-scrolling landscape, avoiding obstacles to achieve a higher score.
  - Achieved a fully functioning game and received Honorable Mention.
- [Simple To-do, 2021](#)
  - Implemented a Simple To-do android app that enabled the creation of a to-do list and basic to-do items management functionality.
  - Included features, such as adding, editing, and deleting items
- [No Means No, BMCC Hackathon 2019 \(2nd Place Winner\), 2019](#)
  - Worked in a team of three staff members to create a python-based shooter game application. Created with Pygame. Photoshop, and Illustrator to speak on the issues of sexual harassment in the workplace.

## Additional Experience

[Transportation Construction Inspector](#), NYS Department of Transportation

[Teaching Assistant](#), Borough of Manhattan Community College

[Inventory Database Management](#), MSK Illuminations

[Retail Sales Associate](#), Cirque du Soleil

[Barista](#), Starbucks

[Marketing & Public Relations Specialist](#), Roz Joseph Group

[Project Coordinator](#), SEIU Local 32BJ

[Office Assistant](#), City University of New York-College of Staten Island

## Memberships & Community Work

[Black Is Tech Conference \(Moderator/Community Work\)](#), Sept. 20 – 24, 2021

[Rewriting the Code/Latinas de RTC \(Member\)](#), 2019 – Current

[Breakthrough Tech \(Member\)](#), 2019 – Current

[Phi Theta Kappa \(Honor Society Member\)](#), 2018 – 2019

[Npower \(Alumni\)](#), 2016 - 2017