CLAUDIA SUAREZ

+1 (437) 445-5004   csuarez.socorro@gmail.com 2 Doyle Crt, Ajax, ON, L1S 7A9

Technical Skills

- **Programming Languages**: Python, R, JavaScript (ES6+), C, C++
- **Web Development:** Node.js, Next.js, HTML5, CSS3, Bootstrap, Tailwind CSS
- **Database Management**: Oracle SQL, MongoDB, PostgreSQL, Microsoft SQL Server
- **Tools & Platforms**: Git, GitHub, Visual Studio Code, MS Office

Education

Seneca Polytechnic (Toronto) - Advanced Diploma in **Computer Programming and Analysis** (Co-op)
May 2023 - Present   GPA (Cumulative): 3.8/4.0
- Versatile developer with expertise in full-stack web development, database technologies, and a strong foundation in analytical problem-solving.

University of Havana (Havana) - Bachelor of Arts in **Mathematics**
2017 – 2021   GPA: 4.38/5
- Advanced mathematical background with practical experience in computational modeling and data analysis.

Professional Experience

IT Service Desk Co-op, **Financial Services Regulatory Authority** (FSRA)
September 2024 - December 2024
- Provided efficient technical support and IT operations assistance while actively participating in corporate social responsibility initiatives, including United Way fundraising events.

Research Assistant, **University of Havana**
2020-2022
- Led research in epidemiological modeling through developing stochastic simulations in Python, applying statistical methods, and publishing findings.

Projects

COVID-19 Simulation Model
- Developed and implemented a SIDARTHE-based stochastic simulation model in Python to analyze and visualize disease progression patterns with Matplotlib and NumPy, and integrated probability distributions for realistic scenario modeling.

Taco 'Bout It - Meal Delivery Web Application
GitHub Repository: https://github.com/cSuarez13/web322-csuarez-socorro.git
- Developed a full-stack meal delivery web application inspired by Goodfood, enabling user browsing, account management, shopping cart functionalities, and order processing with email confirmations, using a technical stack that includes Node.js, Express, EJS, MongoDB, Mongoose, bcrypt.js, SendGrid, and Cyclic.

PopcornBuddy - Movie Information Web App
GitHub Repository: https://github.com/mikeylim/PopcornBuddy
- Built a full-stack movie web app with Next.js, Tailwind CSS, and MongoDB, integrating TMDB API for data retrieval. Implemented movie discovery, user authentication, and personalized watchlists, deploying on Vercel.