

# Nicholas Nunez

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<https://nnune028.github.io>

## EDUCATION

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- **Florida International University** Miami, FL  
*Bachelor of Science in Computer Science, Bachelor of Science in Mathematics* Jul 2019

## EXPERIENCE

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- **Miami-Dade County Public Schools** Miami, FL  
*Mathematics Teacher* Jul 2020 – Jun 2021
  - Taught Algebra I curriculum along with test-taking strategies and foundational skills essential to success in Mathematics including, but not limited to, arithmetic, fractions, percentages, and mental computation.
  - Engaged in collaborative planning with other Algebra teachers with ideas for changes yielding up to a 30% increase in assessment performance on respective topics.
- **CDK Global** Seattle, WA  
*Software Engineer Intern* Jun 2018 – Aug 2018
  - Worked closely with the development team for Connected Store, an application used by car dealerships to facilitate the car-buying process for their customers.
  - Agile methodologies were used for development with an incorporation of Scrum principles and Kanban for project management. Technologies used were Atlassian Confluence, Jira for task management, Bitbucket for the code repository, and Bamboo for deployment.
  - Worked on user stories for both the back-end and the front-end, the former whose codebase is in C# with the .NET framework and the latter in HTML, CSS, and JavaScript/TypeScript with the Angular framework. Gained experience with TDD, specifically with unit testing and integration testing.
- **Florida International University** Miami, FL  
*CNT 4713 Learning Assistant* Jan 2018 – May 2018
  - Facilitated learning by assisting students in understanding fundamental concepts and principles of net-centric computing.
  - Evaluated and provided constructive feedback on students' projects, assignments, and code to foster their growth and improvement.
- **Google IgniteCS** Miami, FL  
*Outreach Leader* Aug 2016 – May 2018
  - Conducted hands-on coding workshops, activities, and competitions, helping students develop practical skills in programming languages and programming logic.
  - Acted as a role model for students, exemplifying professionalism, leadership, and a passion for computer science, while promoting diversity and inclusion within the tech community.

## PROGRAMMING SKILLS

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- **Languages, Frameworks, and Other Technical Skills:**
  - Java, JUnit, SQL, Python, Flask, Django, PostgreSQL, MySQL, C#, .NET, C, C++, F#, MQL5, JavaScript, TypeScript, Angular, HTML, CSS, Test-Driven Development (TDD), MVC, CRUD
  - Bash, Git, IntelliJ, PyCharm, Microsoft Visual Studio, Linux, Agile, Scrum, Kanban, Jira, Confluence

## PROJECTS

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- **EForT EFWE - Automation of Forex:** Automated the process of Forex trading for clients. EFWE is responsible for facilitating the exchange of information between the database and Forex servers with the development of the VPS API. My responsibility was to refactor functions in the existing codebase, including indicators for Metatrader 5 via MQL5, a C++ based OANDA coding platform, and C# scripts generating ini files to initialize and update Metatrader 5 settings for the client automatically. Showcase Youtube playlist:  
<https://www.youtube.com/watch?v=JpUtsc8RO-g&list=PLG3lylzOg8FhxPEPnre-WwHcR98-drLmm&index=21>