

# NATAN CEBALLOS

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## EDUCATION

**New Jersey City University**, Jersey City, NJ

Expected May 2025

*Bachelor of Science, Computer Science, Concentration in Cybersecurity*

- Relevant Coursework: Computer Science I, Computers and Information Technology, Enhanced Precalculus
- Honors & Awards: Presidential Scholarship

## SKILLS

- **Software Tools:** Visual Studio Code, Postman, MongoDB Compass, Jira, Marvel.app
- **Languages:** React (2+ years), Node (2+ years), HTML5 (3+ years), CSS3 (3+ years), MongoDB (+1 year)

## PROJECTS

- **Login and Registration with Handlebars, Express, and Passport:** A local project that saves usernames and passwords to login. MongoDB to store usernames and passwords. Mongoose was used to create the database schema. API testing with Postman. Used NPM passport for authentication and Bcrypt for encryption.

## EXPERIENCE

**Bhorosha Nonprofit Organization**, Bangladesh

*Front End Software Engineer*

October 2020 - Present

- Created signup and login component of website with React.
- Authenticated test users utilizing a jwt token for access control.
- Regularly update project stakeholders to prepare for the expected launch in February 2022.

**SephardicCenter.org**, Union City, NJ

*Freelance Web Developer*

February 2021 - September 2021

- Integrated Code-Splitting and Tree-shaking to conditionally load pages and improved Speed Index by 90%.
- Implemented Defer Rendering and image Lazyload Rendering using next-gen image formats based on browser and user device; improved initial render performance by 5 seconds total (Wordpress: 6s average load. React: 0.5s average load).
- Built the initial Wordpress website and later refactored to React in 3 months of development time.

**Johnson & Johnson: Technology Awareness Program (TAP)**, Newark, NJ

*Information Technology Intern*

September 2018 - November 2018

- Utilized Marvel.app to create a mockup of a new service that bundles medical equipment dependent on surgical requirements and presented our team's proposal to a panel of judges.
- Awarded Letter of Commendation for solving a business case imposed by Johnson & Johnson.

## RESEARCH EXPERIENCE

**Summer Experiences for the Economically Disadvantaged Scientific Researcher (SEED)**, Jersey City, NJ,

*Scientific Research Intern*

June 2019 - September 2019

- Applied drone technology in an environmental study by collecting CO2 data, using an Arduino Kit, a CO2 sensor, Humidity and Temperature Sensor, to understand the effects of climate on CO2 dispersion.
- Frequently spoke with and obtained feedback from the Chair of Computer Science at New Jersey City University.
- Awarded 2nd place in the North Jersey Section Research Poster Competition from The American Chemical Society.

## LEADERSHIP

**New Jersey Institute of Technology: Real World Connections**, Newark, NJ

*Web Development Assistant Teacher*

July 2020 - August 2020

- Tutored middle school students virtually in Web Development fundamentals (HTML5 & CSS3) and encouraged them to pursue a career in technology.
- Students created a website about the significance of wearing masks during the COVID-19 pandemic and the effects in our world.

*Selective Leadership Trainee*

March 2019 - May 2019

- Participated in a select leadership training program to co-coach the Real World Connections curriculum.
- Awarded the Certificate of Leadership in recognition for outstanding leadership talents and significant contributions that have had a big impact on the program community.