

# Camilo Becerra

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## EDUCATION

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### Brown University

*Bachelor of Science in Applied Math and Computer Science (GPA: 4.0/4.0)*

Providence, RI

*Aug. 2023 – Present*

- Notable coursework:

- \* Accelerated Introduction to Computer Science (A)
- \* Fundamentals of Computer Systems (In Progress)

### Colegio Los Nogales

*High School Diploma, AP Capstone Diploma (GPA: 4.21/4.0)*

Bogota, Colombia

*Jan. 2010 – Jun. 2023*

## EXPERIENCE

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### Biomedical Engineering Research Assistant

*Universidad de los Andes*

Jun. 2022 – Jul. 2022

*Bogota, Colombia*

- Participated in a research project regarding the development of a machine learning model that could detect both tissue type and cancer presence from RNA transcriptomic data with 94.1% balanced accuracy
- Aided in the writing process of an academic paper describing the project and the findings
- Collected data from the state-of-the-art, produced key graphics, programmed PCA reports, and gathered other necessary information for a research development

### Python Bootcamp Instructor

*Innovacol*

Apr. 2021 – Jun. 2021

*Bogota, Colombia*

- Designed and taught a free Python bootcamp for 18 students across Latin America interested in learning basic Python skills.

## PROJECTS

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### Personal and Portfolio Website | *HTML, CSS, JavaScript*

June 2023, January 2024

- Created a website that shares information about me and showcases my coding projects

### Number Notation Converter | *Python, HTML, CSS, Flask*

January 2024

- Coded a solution in Python to convert numbers from Arabic notation to Roman notation and vice versa
- Developed a Flask Web Application to display it and access the code through a website format

### Mastermind | *Java, HTML, CSS*

March 2023, January 2024

- Developed the classic board game Mastermind in Java
- Created a website to deploy and visually represent it

### Fake News Detector | *Python, TensorFlow, Keras, NLTK*

February 2021

- Developed a Machine Learning model to detect fake news from text with 85% accuracy

## TECHNICAL SKILLS

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**Languages:** Java, Python, C/C++, HTML/CSS

**Libraries:** pandas, NumPy, Matplotlib