Camilo Becerra

401-636-4082 | camilo_becerra@brown.edu | linkedin.com/in/camilo-becerra | github.com/camiloabecerra

EDUCATION

Brown University — Providence, RI
Bachelor of Science in Applied Mathematics and Computer Science (GPA: 4.0/4.0) — *Aug. 2023 – Present*
- Notable coursework:
  - ∗ Accelerated Introduction to Computer Science (A)
  - ∗ Fundamentals of Computer Systems (TBD)

Colegio Los Nogales — Bogota, Colombia
High School Diploma, AP Capstone Diploma (GPA: 4.21/4.0) — *Jan. 2010 – Jun. 2023*
- 1 of 6 House Captains in Graduating Class, Varsity Basketball

EXPERIENCE

Biomedical Engineering Research Assistant — Jun. 2022 – Jul. 2022
Universidad de los Andes — *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 — Apr. 2021 – Jun. 2021
Innovacol — *Bogota, Colombia*
- Designed and taught a free Python bootcamp for 18 students across Latin America interested in learning basic Python skills.

PROJECTS

Personal and Portfolio Website | *HTML, CSS, JavaScript* — Jun. 2023, Jan. 2024
- Created a website that shares information about me and showcases my coding projects

Number Notation Converter | *Python, HTML, CSS, Flask* — Jan. 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* — Feb. 2023 - Mar. 2023
- Developed the classic board game Mastermind in Java

Fake News Detector | *Python, TensorFlow, Keras, NLTK* — Feb. 2021
- Developed a Machine Learning model to detect fake news from text with 85% accuracy

TECHNICAL SKILLS

Languages: Java, Python, C/C++, HTML/CSS
Frameworks: Flask
Developer Tools: Git, VS Code
Libraries: pandas, NumPy, Matplotlib, NLTK, TensorFlow, Keras