

CAIO BRIGHENTI

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Website & Portfolio: <https://caiobrighenti.github.io/>

EDUCATION & HONORS

Colgate University, Hamilton, NY

2016–2020

Bachelor of Arts in Computer Science and Peace and Conflict Studies

- GPA: 3.99/4.0
- Selected member of [Benton Scholars](#), a program preparing world leaders for success in a global 21st century.
- Recipient of the George W. Cobb Fellows Award.
- Relevant courses: Data Analysis (A+), Discrete Structures (A), Computer Organization (A-).

Coursera, [Machine Learning](#) & [Neural Networks and Deep Learning](#) Course Certifications

2018

- Completed a 11 week machine learning course by Stanford University with a 93.7% grade.
- Completed 4 week deep learning course by deeplearning.ai with a 96.5% grade.

Asociación Escuelas Lincoln, *Dual High School Diploma*, Buenos Aires, Argentina

2012– 2016

- GPA: 3.99/4.0
 - Iris Lestani ACSAA Scholarship Award and Daniel Ochagavia Science Award.
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EXPERIENCE

Colgate University Ho Tung Visualization Laboratory

September 2016–present

VR Producer & Developer

- Collaborate in a small team to design immersive educational experiences for both fulldome and virtual reality.
- Work in the Unity3D engine to develop original virtual reality mechanisms using C#.

Colgate University Benton Scholars Design Lab

August 2016–present

Course Designer & Instructor

- Developed a course based on design thinking methods that became officially offered at Colgate University.
- Co-designed and co-taught the latest iteration of the Design Lab in the Fall 2018 semester along with another student and a faculty member.
- Revise and redesign the Design Lab course for future offerings.

Colgate Virtual Galapagos

Summer 2017, Summer 2018

Lead Web Developer

- Worked as sole programmer to develop and deploy a [digital interactive science learning module in HTML5](#).
- Oversaw all aspects of development, from codebase architecture design to implementation to quality assurance.
- Gained experience with on-the-job learning with both full-stack web development and Linux server operation.

TEDx Asociación Escuelas Lincoln

August 2014–May 2016

Speaker

- Selected as the only student to speak at both the [first](#) and [second](#) annual TEDx AsociaciónEscuelasLincoln events.

Pudge Wars for Dota 2

December 2013–August 2016

Co-founder, Lead Developer

- Led a five-person team in the development of an [add-on](#) for the popular computer game Dota 2.
 - Managed marketing and outreach as the project quickly grew to amass over 5 million subscribers.
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SKILLS & INTERESTS

Programming and Scripting: Python, R, LaTeX, Javascript, C#, HTML/CSS.

Software & OS: Git, Linux/Windows command line, Unity3D, Adobe Creative Suite, and Microsoft Office.

Data Science: Robust linear regression, logistic regression, neural networks, web scraping, data visualization.

Interests: Data science, artificial intelligence, social media, UI/UX design, graphic design.

Languages: Portuguese (fluent), Spanish (fluent), French (intermediate)