

Julio Ballista

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EDUCATION

Stanford University

B.S. Candidate Computer Science

GPA: 3.8

Track: Systems

Coursework: Programming Abstractions in C++, Computer Organization and Systems, Multivariable Calculus, Teaching Computer Science.

EXPERIENCE

Data Science Intern. *Forbes Media LLC.*

Jun 2018 - Sept 2018

- Designed back-end for web-application that would find cryptocurrencies in an input text, and display graphs of their current price using **Python** and **Docker**. ([Link](#))
- Implemented web-application with a machine learning model using **TensorFlow** that would suggest to writers to write about related cryptocurrencies. ([Link](#))
- Both projects were pushed to production and are being used by Forbes writers.

Project Manager Intern. *AMC Networks.*

Jun 2019 – Sept 2019

- Exercised design principles to design a better login process for AMC.com users, estimated to increase logins by 23%.
- Led Artificial Intelligence initiative in an intern group project; created design documents detailing how Python can be used for a mobile, universal recommendation algorithm.

Teaching Assistant. *Stanford University.*

September 2019 – Present

- Teach a section of 7-10 students for 'Programming Methodologies'. (CS106A)
- Mentor students, grade assignments, and lead office hours for 2 hours a week.

Head Facilitator. *MIT Office of Engineering Outreach Programs - OEOP.*

Jun 2019 - Present

- Lead and coordinate event planning, webinars, and programming for high-achieving, underrepresented STEM high schoolers in MIT Online Science, Technology, and Engineering Community (MOSTEC).
- Piloted new website design to provide students with more outlets to communicate with staff members.

Research Assistant. *Stanford University.*

Jan 2019 - Present

- Conducted user studies to learn more about inter-racial relations at Stanford, communicating with other students about their social climate, and analyzing hundreds of responses.
- Built an algorithm in **Python** that parsed through thousands of student surveys and organized their data into a CSV file, which was used to further discuss experimental results.

PROJECTS

Gun Control Website, *Script-Ed x Google Hackathon – First Place Prize.*

- Built JavaScript back-end for an interactive quiz-based site to advocate for gun control. ([Link](#))

SKILLS

Highly skilled and proficient in: *Python, C, C++, UNIX, Test-Driven Development.*

Proficient in: HTML, JavaScript, CSS, Docker, Jira, Assembly.

Soft Skills: Team-oriented, Communicative, Adaptable, Public Speaker.