

Jonas Costa

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EDUCATION

Macalester College, St. Paul, MN Bachelor of Arts expected May 2023

Majors: Computer Science and Mathematics. *GPA:* 3.99/4.00

Honors: Recipient of the Kofi Annan International, Turck Presidential Honor, and Davis Scholarships.

Relevant Coursework: Data Structures, Software Design and Development, Algorithm Design and Analysis, Computer Systems Organization, Database Management Systems.

SKILLS

Technical: Proficient in Python, Java, HTML, JavaScript, and CSS. Working knowledge of MongoDB, SQL, Flutter, Dart, React, MongoDB, EJS, and Bootstrap

Languages: Fluent in English and Portuguese. Intermediate in Spanish.

RELATED EXPERIENCE

YourPath Health, St. Paul, MN May 2022 – July 2022

Development Intern

- Assembled a map of the more than 450 resources programs available for people who have substance use issues in Minnesota using Google Maps API, EJS, Node.js, and MongoDB.
- Collaborated with 4 other developers in an Agile environment to design and develop the company's patient-facing app and conceptualize its MVP.

Macalester College, St. Paul, MN May 2021 – July 2021

Research Assistant – Blockly

- Investigated ways to optimize Blockly, Google's library for building block-based visual programming editors, making it accessible for people who use screen readers.
- Devised a user study of 15 tasks using HTML, CSS, and JavaScript to teach programming to children with vision impairments through nursery rhymes recreated with Blockly

Macalester College, St. Paul, MN January 2020 – March 2020

Teaching Assistant

- Clarified concepts about object-oriented programming using Java and assisted 16 students with assignments during class time.
- Conducted weekly office hours for up to 50 students to answer questions about homework and help test and debug code.

LEADERSHIP AND VOLUNTEER

Macalester College, St. Paul, MN August 2021 – Present

Portuguese Language House Program Assistant

- Facilitate weekly conversations in Portuguese with the 3 house residents, strengthening their speaking and listening competencies.
- Organize and host 3 campus-wide semestral events showcasing the culture and history of lusophone countries.

UWC Brazil, Remote August 2019 – Present

Admissions Process Volunteer

- Assess the applications of over 200 Brazilian students each year, analyzing their skills, commitment, and fit to study in one of the United World Colleges.
- Conduct 20 interviews during one weekend per year to better understand the candidates' personal history, interests, and dreams.