

## About Me

My name is João and I'm an undergraduate student at Yale University, currently in my final year. I'm passionate about programming and software and web development. I am currently looking for work as a web developer after graduation.

## Technical Summary

<b>Technical Certifications</b>	Data Structures and Algorithms
<b>Programming Languages</b>	JavaScript (ES6), Python, Ruby, Java, C, HTML, CSS
<b>Frameworks</b>	React, Ruby on Rails
<b>Operating Systems</b>	Linux, Mac OS, Windows
<b>Additional Software/Technologies</b>	SQL, GitHub, APIs, Markdown, LaTeX, Visual Studio Code, Jupyter Notebooks, Adobe Photoshop, Adobe Premiere Pro, Audacity, Logic Pro X

## Experience

### Flatiron School – Web Development Bootcamp

May 2020 – July 2020

Learned full-stack web development with Ruby on Rails and JavaScript, gained experience collaborating with others over GitHub, developed several applications from the ground up including a social media website and a fully-integrated web game. See my portfolio for more examples of apps I've developed.

### Max Planck Institute for Astronomy – Interning Researcher

May 2019 – July 2019

Used Python to process polarimetry data and create visualisations in order to investigate the role of magnetic fields in the morphology of a star-forming infrared dark cloud. Wrote a section of the paper to be published in the future. Presented results to the rest of the institute at the end of the internship.

## Education

### Yale University – Astronomy B.A.

August 2017 – May 2021

**Relevant Courses:** Object-Oriented Programming, Introduction to Information Systems, Introduction to Programming, Research Methods in Astrophysics, Calculus of Functions of One Variable II, Calculus of Functions of Several Variables.

### University College London – Study Abroad

September 2019 – January 2020

**Relevant Courses:** Quantitative Methods 2: Data Science and Visualization, The Knowledge Economy: Consultancy Project

## Skills

<b>Technical Skills</b>	Web Development, Web Design, Software Development, Debugging, Troubleshooting
<b>Personal Skills</b>	Teamwork, Leadership, Time Management, Project Planning, Negotiation, Public Speaking, Mindfulness
<b>Languages</b>	English, Portuguese, Spanish, German, Italian