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

About Me

Technical Summary

Experience

Education

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.

Skills

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

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

**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.

*September 2019 – January 2020*

**University College London – Study Abroad**

**Yale University – Astronomy B.A.**

*August 2017 – May 2021*

*May 2020 – July 2020*

**Max Planck Institute for Astronomy – Interning Researcher**

*May 2019 – July 2019*

**Flatiron School – Web Development Bootcamp**

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.

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.

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**LinkedIn:** linkedin.com/in/joaocardoso193

**Portfolio:** joaocardoso193.github.io

João Cardoso