

Technical Summary

Technical Certifications	Data Structures and Algorithms
Programming Languages	JavaScript (ES6+), Python, Ruby, Java, C, HTML, CSS, SQL
Web Frameworks	React, Ruby on Rails
Operating Systems	Linux, Mac OS, Windows
Additional Software/Technologies	GitHub, RESTful APIs, Markdown, LaTeX, VS Code, 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, JavaScript, HTML, and CSS; gained experience collaborating with others over GitHub; developed interactive applications from the ground up including a social media website and a fully-integrated web game (see in portfolio); achieved the highest possible mark.

University College London – Data Science and Visualization Group Project Leader

September 2019 – January 2020

Lead a team of six students in creating a data-based report analyzing gender data in relation to economic data in all European countries, as part of a UCL data science course; created main workplan to guide and organize group cooperation; functioned as the group’s main coder and data analyst; produced engaging visualizations to be included in final report; oversaw and wrote the final report which achieved the highest possible mark.

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 – Expected 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

Technical Skills	Web Development & Design, Software Engineering, Complexity Theory, Asynchronous Programming, Object-Oriented Programming, Debugging & Troubleshooting
Personal Skills	Teamwork, Leadership, Time Management, Project Planning, Negotiation, Public Speaking, Mindfulness
Languages	English, Portuguese, Spanish, German, Italian