

Derek Taylor

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Education

Harvard University

BA in Computer Science. GPA: 3.26

Secondary in Mathematical Sciences

Relevant Coursework: Probability Theory, Discrete Math, Networks, Combinatorics, Mathematical Biology, Multivariable Calculus, Linear Algebra and Differential Equations.

Cambridge, MA

May 2020

Queen's College, University of Oxford

Study abroad coursework in Evolutionary Biology with Dr. Andrew Berry.

Oxford, United Kingdom

June 2018 – August 2018

Mater Academy Charter High School

GPA: 3.99

SAT: 1570 (Math: 800, Verbal: 770)

Valedictorian

Miami, FL

June 2016

Experience

Ride Health

Software Engineer (Clojure/Elixir)

Remote

September 2020 –

- Utilized XTDB/Crux and Clojure to build an audit log that allows internal users to see previous versions of internal data.
- Built document ingestion and processing capabilities in Elixir.
- Leveraged Elixir to build webhooks that communicate with our customers regarding rides in progress

Exporta.io

Back-end Engineering Intern

Cambridge, MA

August 2018 – August 2019

- Leveraged the Bubble platform to build and manage database architecture in order to help Latin American manufacturers sell their products in online American markets.
- Constructed the online user experience in collaboration with front-end designers using the Bubble platform.
- Built under the Scrum project framework.

Leadership and Activities

Eliot Boat Club

Captain

Cambridge, MA

January 2019 – March 2020

- Organized and led team practices in order to help improve the Eliot House 8-man sweep rowing team.
- Placed 5th out of 13 in the men's division with a mixed-gender boat.

Kew Royal Botanic Gardens

Intern

London, United Kingdom

June 2018 – July 2018

- Deciphered and transcribed correspondence written by Joseph Dalton Hooker for the Joseph Hooker Correspondence Project at Kew's Library, Art and Archives.

Skills & Interests

Technical: Clojure(Script), Elixir, Redis, MongoDB, OCaml, Python, R, MATLAB, C, SQL, HTML, and JavaScript.

Language: Conversant in Spanish.

