**Derek Taylor**

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**Education**

**Harvard University**  Cambridge, MA

BA in Computer Science. GPA: 3.26 May 2020

Secondary in Mathematical Sciences

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

**Queen's College, University of Oxford**  Oxford, United Kingdom

Study abroad coursework in Evolutionary Biology with Dr. Andrew Berry. June 2018 – August 2018

**Mater Academy Charter High School** Miami, FL

GPA: 3.99 June 2016

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

Valedictorian

**Experience**

**Ride Health**  Remote

**Software Engineer (Clojure/Elixir)**  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
* Built a GraphQL microservice in Clojure that communicates over Confluent Kafka

**Exporta.io**  Cambridge, MA

**Back-end Engineering Intern**  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** Cambridge, MA

**Captain**  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** London, United Kingdom

**Intern**  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.