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## 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
- Built a GraphQL microservice in Clojure that communicates over Confluent Kafka

#### 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.

