William Henry Hakim

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Current Address

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Education

Oxford University	**Oxford, UK**

M.St. in Chinese Studies. 9/14–8/15
Ko Prize for the best dissertation in Chinese Studies.

Harvard University	**Cambridge, MA**

A.B. *magna cum laude* with Highest Honors in East Asian Studies, Computer 9/10–6/14
Science. 3.8 GPA.
Thomas T. Hoopes '17 Prize, Harvard's highest award for undergraduate
  writing, for a year-long senior thesis project.
John P. Reardon Jr. '60 Award, presented to Harvard's all-around most
  outstanding male scholar-athlete.

Work Experience and Accomplishments

The Shorenstein Center at the Harvard Kennedy School	**Cambridge, MA (Remote)**
Research Software Engineer	11/17–Present

- Built the Single Subject News Team's open source email benchmarking tool, a web app which allows media organizations to benchmark the performance of their email marketing efforts using a custom suite of data science metrics.
- Built microservices for Harvard's Information Disorder project. Microservice functionality includes OCR, image comparison, text processing, and entity detection.
- Tech: Python (Flask, Asyncio, Pandas, Celery, Kombu, Numpy); Javascript (Node.js, ES6); Postgres; Docker; AWS (EC2, Elastic Beanstalk, S3, RDS, SES).

Blue Umbrella Labs, Hexo Helmets, NameCoach Inc., etc.	**San Francisco, CA**
Freelance Software Engineer	8/16–8/17

- Freelanced alongside coxing for the United States Rowing Team.
- Projects ranged across the stack, ranging from ground-up prototypes to clean frontends. Clients included individuals, non-profits, and venture-funded Silicon Valley startups.
- Tech: Javascript (React, Node.js); PHP (CodeIgniter); Sass; Postgres; AWS (EC2, Lambda).

Beepi	**Los Altos, CA**
Internal Operations Engineer	8/15–5/16

- Built tools to integrate financial partners and lender portals with Beepi's backend in order to automate financing and loan processing for customers.
- Tech: Java (Maven, Hibernate); Javascript; Browser Automation (Selenium, etc.).

Skills, Languages and Other Interests

Foreign Languages: Near-native proficiency in Mandarin Chinese (written and spoken)
Other: Represented the United States in rowing. Current category 4 cyclist. Dual US/British citizen.