JOSHUA ERB

Software Engineer

GET IN TOUCH

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SKILLS

- Programming Languages: JavaScript, SQL, Python, C++, Swift
- Frameworks: Node.js, React
- Databases: DynamoDB, PrestoDB (Athena), Redis, Postgres, MongoDB
- Cloud Providers: AWS
- Additional Tools: Tableau, Google Analytics, Adobe Analytics, Adobe Captivate
- Spoken Languages: English (Native), French (Proficient), Standard Arabic (Basic), Polish (Basic)

EDUCATION

University of Georgetown School of Continuing Studies
CERTIFICATION IN DATA SCIENCE, 2016

University of Chicago
M.A. IN SOCIAL SCIENCE, 2014

University of Illinois Champaign-Urbana
B.A. IN GLOBAL STUDIES, 2013

PERSONAL DETAILS

I am a software engineer with a management and IT consulting background, currently interested in backend and mobile development opportunities.

RELEVANT EXPERIENCE

Software Engineer, L2
MAPBOX, 2019 TO PRESENT

- Maintained operational excellence of service during period of rapid adoption, where daily traffic increased from ~100M requests per day to ~3B requests per day
- Improved key aspects of service's internal asset fetching in order to support traffic spikes of 1M requests per second
- Researched, designed, and implemented new feature that allowed customers to modify map styles and data at the time of request

Mobile Support Engineer
MAPBOX, 2018 TO 2019

- Supported the mobile integration and launch of large, medium, and small customers
- Answered customer questions on Stack Overflow, consistently remaining in the top 18% of users on the site

Senior Consultant
EXCELLA CONSULTING, 2016 TO 2018

- Maintained, executed, and validated a Big Data model for a consumer loyalty program with +75 million members and +6,000 participating properties worldwide
- Improved the accuracy of the same Big Data model financial model by +$17 million