Brian Fitzsimmons

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Employment

Software Engineer	Sporcle, Inc (www.sporcle.com)	Sept 2017 - Present

- Leveraged knowledge in JavaScript, HTML/CSS, PHP, and SQL to develop and debug full-stack features across Sporcle.com's desktop and mobile sites, helping it scale to 1.6M+ gameplays per day.
- Used Elasticsearch, Redis, and collaborative filtering with implicit datasets to build Sporcle's recommendation engine that serves personalized content to 500,000+ users.
- Collaborated with CTO and customers to develop a real-time scoring app for live, virtual trivia that generated over $450,000 during the pandemic in 2020.
- Learned Git, React Native, and mobile app development to create Sporcle Word Ladder, a mobile trivia game available on iOS and Android.
- Used Tableau and SQL (MySQL, Redshift) to produce graphs of Sporcle's KPIs and investigate user behavior, bringing a data-centric/evidence-based approach to product development.

Projects

- Personal Website (bfitzsimmons.dev)
  - Built with TODO.
- Instagram Auto-Like Bot
  - A script to automatically like the photos of people I follow on Instagram.
  - Built with TODO.
- Chirper
  - Android Twitter clone.
  - Built with Java, Parse Server, and AWS.
- BUILD A TEXT ADVENTURE GAME
  - Built with TODO.
- Omnivor
  - A social network to expose users to different political viewpoints.
  - Built with React/Redux, Node.js/Express, GraphQL, MongoDB.

Skills

Proficient - JavaScript, HTML/CSS, PHP, Node.js, SQL, React Native, Redis, AWS, Perforce, Linux
Familiar - Python, Git, Machine Learning, Elasticsearch, Bash, Android, Firebase

Certifications

- Sumo Logic Search Fundamentals and Mastery (October 2019)
  - Demonstrated mastery of the Sumo Logic log analysis platform.
- Free Code Camp Front-End Developer (2017)
  - Completed over 275 hours worth of front-end tutorials and projects.

Education

University of Virginia	Charlottesville, VA	Aug 2011 - May 2015

- Bachelor's in Political Science (Foreign Affairs). Minor is Astronomy.
- 3.91 GPA, Dean's List, Phi Beta Kappa, Echols Scholar (top 5% of incoming students)