Filipe Miranda

Full Stack Software Engineer | Boston, MA

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Relevant Experience

SmarterTravel 4 years

SmarterTravel is a subsidiary of TripAdvisor that owns a network of travel-content sites. When I first joined the team we also ran an ad syndication platform. I've been fortunate to work across the stack on both sides of the business.

Full Stack Software Engineer since December 2017

Sites Team // Boston, MA

I'm a member of the small team that develops and maintains a network of travel-content sites and its associated services. There I most recently led the effort to incrementally modernize our frontend using React, Typescript, and Storybook. I work closely with product to scope and implement features across the stack, from our many Java Spring Boot services to our data ETLs and pipelines. I have also worked on our CI pipelines and assisted in the move towards Amazon AWS.

Integration Engineer May 2016 to December 2017

SmarterAds Team // Boston, MA

I initially joined SmarterTravel as an Integration Engineer on our ad syndication team. I started by writing custom JavaScript for new partners that would make it trivial to integrate their sites with our platform. I quickly moved on to contribute new features and products across the stack, developing on our frontend SDK, our React admin tools, and our backend Spring Boot syndication service.

Launch Academy 10 weeks

Full Stack Web Development Bootcamp February to May 2016

Boston, MA

This was my first official step into software engineering. After months of learning on my own, I joined Launch Academy to learn the basics of web development. I spent 10 weeks there learning how the web works. My capstone was a project exploring the lyrical diversity of my favorite musicians using d3.js and the last.fm API.

Cornerstone Research 4 years

Cornerstone Research is an economic consulting firm that does research and analysis for expert witnesses who testify in commercial and financial legal cases. I wore a lot of different hats during my time there: team manager, researcher, analyst, even recruiter.

Research Associate July 2014 to January 2016
Senior Analyst July 2013 to July 2014
Analyst January 2012 to July 2013

Boston, MA

At Cornerstone, I was responsible for managing teams of analysts executing statistical, economic, and financial analyses in support of expert witnesses testifying in trial. This is also where I first learned I loved to code. The cases I worked on involved estimating the impact of financial crises on the performance of a major mutual fund family, implementing statistical tests to detect improper trading by mutual fund managers, and measuring the effect of a firm's allegedly fraudulent marketing on the sales of its primary competitor. Finally, I also led the recruitment efforts to hire 18 new analysts which involved training new interviewers, coordinating on-campus events across New England, and personally interviewing over 100 candidates.

Skills

Languages

JavaScript (ES6+), TypeScript, Java, Ruby, Python, SQL, CSS/Sass, HTML5, R, SAS

Software/Frameworks

React, Redux, Spring Boot, Node.js, Express, PostgresSQL, MySQL, Redis, DynamoDB, AWS, Jenkins, Hystrix, Gatsby, Storybook, Jest, Kubernetes, Rails, d3.js

Education

Tufts University

September 2010 to December 2011

M.S. Economics

Santa Clara University

September 2003 to June 2007

B.S. Mathematics, *cum laude*
Minor in English

Volunteering

Samaritans

since January 2014

Suicide crisis line volunteer, trainer, and mentor.

Code for Boston

since September 2019

Other Tidbits

I am a native Portuguese speaker, a rock climber, and a lover of music and the written word.