

Joe Brunner

<https://github.com/brunner> · <https://linkedin.com/in/brunnerj>

Employment

Square

Senior Software Engineer, Prices

03/2019 – present

- Built and released public Square Developer APIs enabling businesses to sell product subscriptions to customers.
- Steered efforts to promote API-first integrations, rewriting public SDKs to be compatible with internal services.

Google

Software Engineer, Core Search Features and Search Platforms

06/2014 – 03/2019

- Maintained the Search front-end server (Java, Python, HTML), delivering results to billions of users worldwide.
- Owned the presentation of core features such as organic Search results and real-time (e.g. Twitter) results.
- Developed a library of reusable, cross-platform UI elements such as carousels, buttons, and image layouts.
- Pioneered infrastructure to drive rapid adoption of long-tail features by emerging Search platforms.
- Made improvements to the custom web templating language used within Search, supporting hundreds of features.
- Marshaled the front-end server deploy, overseeing canary and production rollouts and handling escalations.

FactSet Research Systems

Software Engineer Intern, Idea Screening

05/2013 – 08/2013

- Created a web application profiling tool to identify performance bottlenecks and facilitate easier debugging.

Education

University of Rochester

Bachelor of Science, Computer Science; Bachelor of Arts, Mathematics

09/2010 – 05/2014

- Earned cumulative GPA of 3.61/4.0, with core GPAs of 3.68 in Computer Science and 3.53 in Mathematics.
- Worked on IT Center student staff for four years, troubleshooting account and network-related issues.
- Managed staff hiring, scheduling, and training processes for two years as senior IT Center student lead.

Projects

Filefairy

Creator, <https://github.com/brunner/filefairy>

10/2016 – 05/2019

- Sidekick to StatsPlus, complete with Slack integration, that improved the accessibility of an OOTP baseball league.
- Ensured resiliency to unexpected or missing inputs through module isolation and dynamic app reloading.
- Leveraged shared infrastructure between modules to achieve consistent and predictable behavior.

Fairylab

Creator, <https://brunnerj.com/fairylab>

09/2018 – 05/2019

- Front-end generated by Filefairy, emulating the StatsLab interface and introducing the ability to rewatch games.