

Bruce A. Berrios

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Experience

Blend Labs

Jul 2022 – Present

Software Engineer

- Designed and implemented the customizable pre-approval letter feature as a **0-to-1 solution**, meeting the requirements of Independent Mortgage Bankers (IMBs), a **key revenue-driving market**. This product **secured the retention of high-value customers** and now generates **5k letters monthly**.
- Led integration of **Multimodal LLMs** into Blend's platform, developing internal APIs for document processing and classification, unlocking **enhanced automation capabilities** for new and existing user-facing features.
- Contributed to the Temporal workflow platform as a **core maintainer**, focused on **streamlining adoption across teams** by developing internal SDKs, maintaining cluster health, and establishing best practices through documentation.
- Developed an on-call handoff app, simplifying page tracking and improving the handoff meeting process.
- Elevated team efficiency by creating and maintaining automated E2E test suites for weekly releases.
- Mentored and **trained new hires** with diverse backgrounds for early-career development and team integration.

Monkeytype

Jan 2022 – Present

Open Source Maintainer

- Architected and built real-time daily leaderboards using Redis, driving an **increase in community engagement** by enhancing user interaction and competition.
- Overhauled the web API to follow RESTful conventions, and spearheaded the development of the public API.
- Assisted with the migration from **JavaScript to TypeScript**, and introduced a CI process, enhancing **code maintainability** and **development efficiency**.
- Developed various user-facing features for the web client, improving the UX for **over 100k WAU**.

Blend Labs

May 2021 – Aug 2021

Software Engineer Intern

May 2020 – Aug 2020

- Contributed to the refinement of the Loan Cost Worksheet product, aligning it with diverse customer needs and requirements, following its initial release.
- Assisted in the design and development of a public API for integrators to synchronize loan application product details with an external loan origination system.

Education

Florida International University

Aug 2018 – Dec 2021

Computer Science

- 3.89 Cumulative GPA, 4.00 Major GPA
- Florida Academic Scholars Award

Skills

- Languages:** JavaScript, TypeScript, Python, Lua, Shell scripting, Go, Java
- Backend:** NodeJS, PostgreSQL, MongoDB, Redis, Docker, Kubernetes, Temporal
- Frontend:** React, Redux, Webpack, HTML CSS
- DevOps and Tools:** Splunk, Datadog, PagerDuty, Retool, Jira, Git, GitHub