

Bruce A. Berrios

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Experience

Blend Labs

Jul 2022 – Present

Software Engineer

- Architected and developed a Temporal workflow enabling compliant, manual exports of approved applications to external systems, streamlining regulatory processes.
- Led integration of GPT-4o's vision capabilities into Blend's platform, developing internal APIs for document processing and classification, unlocking enhanced automation capabilities for new and existing user-facing features.
- Designed and implemented the customizable pre-approval letter product offering end-to-end, from prototyping a solution to deploying a production-ready product, now generating 5k letters monthly for key strategic customers.
- Contributed to Temporal cluster stability and SDK maintenance, used for executing resilient and complex backend workflows.
- Maintained integration with Fannie Mae/Freddie Mac underwriting systems by implementing their biannual specification updates.
- Developed an on-call handoff app, streamlining 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

- Designed and implemented real-time daily leaderboards using Redis.
- 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.
- Enhanced and developed various user-facing features for the web client.

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
- **Tools:** Splunk, Datadog, PagerDuty, Retool, Jira, Git, GitHub