Bruce A. Berrios

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Experience

Blend   *Jul 2022 – Present*
Software Engineer (IC2 → IC3)

- Contributed as a Temporal maintainer, ensuring cluster stability and maintaining internal SDKs.
- Led integration of GPT-4o's vision API into Blend's platform, developing internal APIs for document extraction and classification, unlocking enhanced automation capabilities for several use cases.
- Engineered a Temporal workflow enabling compliant, manual exports of approved applications to external systems, streamlining regulatory processes.
- Provided comprehensive training and support for new hires, facilitating their integration and boosting team productivity.
- Led the custom pre-approval letter project, evaluating approaches, coordinating with teams, and implementing a prototype that guided the chosen solution.
- Maintained integration with Fannie Mae/Freddie Mac automated underwriting systems by implementing their biannual specification updates.
- Developed an on-call handoff app, simplifying page and notification tracking, and enhancing the efficiency of handoff meetings.
- Elevated team efficiency by maintaining and creating automated E2E test suites, saving time for on-call engineers and increasing confidence in releases.

Monkeytype   *Jan 2022 – Present*
Open Source Maintainer

- Designed and implemented real-time daily leaderboards using Redis.
- Spearheaded the development of the public API, enabling third parties to integrate.
- Overhauled the web API to adhere to RESTful conventions.
- Assisted with the migration from JavaScript to TypeScript, enhancing code maintainability and development efficiency.
- Introduced a CI process with GitHub Actions, increasing confidence in code quality and stability.
- Enhanced and developed various features for the web client.

Blend   *May 2021 – Aug 2021*
Software Engineer Intern   *May 2020 – Aug 2020*

- Supported various projects, enhancing features to meet customer needs.

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
- **Backend**: NodeJS, PostgreSQL, MongoDB, Redis, Docker, Temporal
- **Frontend**: React, Redux, Webpack