

Bruce A. Berrios

bberr022@fiu.edu | (305) 215-9551 | www.bruceberrios.com | [www.github.com/Bruception](https://github.com/Bruception)

Experience

Blend

Jul 2022 – Present

Software Engineer (IC2 → IC3)

- 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, preventing disruptions in service.
- Engineered 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.
- Promoted to IC3 ahead of schedule for distinguished performance and rapid growth.

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 easily 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

- Assisted the UX research team by leveraging internal APIs to automate the creation of complex mortgage application scenarios.
- Contributed to the refinement of the Loan Cost Worksheet feature, aligning it with diverse customer needs and requirements, following its initial release.
- Assisted in the design and development of a public API endpoint 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
- **Backend:** NodeJS, PostgreSQL, MongoDB, Redis, Docker
- **Frontend:** React, Redux, Webpack