Bruce A. Berrios

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

Education

Florida International University
Fall 2018 – Fall 2021

Bachelor of Arts in Computer Science

- 3.89 Cumulative GPA, 4.00 Major GPA
- Florida Academic Scholars Award
- Gold and Blue Merit Scholarship Recipient
- Dean's List

Experience

Blend
May 2020 – Aug 2020
May 2021 – Aug 2021

Software Engineer Intern

- Collaborated with a full-stack engineering team in charge of developing mission-critical features that help borrowers going through the mortgage process get pre-approved faster.
- Contributed to the RESTful API of a microservice in charge of usability benchmarking for the loan application page.
- Assisted in the design and development of an API endpoint that would allow clients to update details of a borrower's loan product when changes are made in an external loan origination system.
- Experienced agile software development methodologies emphasizing continuous delivery.
- Worked with various technologies and frameworks such as TypeScript, Node, Express, React, and PostgreSQL.
- Wrote tests for all contributions and bug fixes using the unit testing framework Jest.

Projects

CovidSync – PantherHacks
Jul 2020

Web Application | React – Node/Express – Firestore – Git/GitHub

- Developed a full-stack application that integrates various APIs and services such as Google Cloud Translation and Mapbox to provide crucial resources for the Spanish-speaking and bilingual communities about COVID-19.
- This platform empowers users by providing locations of nearby testing centers and by translating details of available jobs within their local community.
- Won 2nd place and selected by Google for best use of Google Cloud technology.

FIU Course API
Nov 2020 - Aug 2021

Web Application | Node/Express – Python – GitHub Actions

- Developed a web API that allows users to browse the courses offered at FIU. The project features a full CI/CD pipeline, and automated course data updates using a cron job.

Handwritten Digit Classifier
Sep 2019 – Oct 2019

Machine Learning | Lua – LÖVE2D

- Built a neural network to classify handwritten digits from the MNIST dataset. Users can visualize the training process and interact with the neural network by controlling the training speed and the source of the input data (training/testing).

Skills

Java	JavaScript	HTML	CSS	TypeScript	Git/GitHub
Python	Bootstrap	Jest	React	PostgreSQL	Node