

# Justin Gonzalez

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## TECHNICAL SKILLS

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Python

Java

JavaScript

HTML

CSS

REST APIs

Bootstrap

Docker

SQL

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## EDUCATION

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**Harvard University** — Computer Science

AUGUST 2017 - MAY 2021

- Cumulative GPA: 3.44
- Relevant Coursework: Functional, Imperative, and Object Oriented Programming; Applied Linear Algebra and Big Data; Data Visualization; Machine Learning; Web Design; Database Management

## EXPERIENCE

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**IBM Cloud and Cognitive Software** — Software Developer Intern

JUNE 2019 - AUGUST 2019

- Learned **Docker** and **Shell Scripting** in first two weeks to create a rootless containerized build of IBM's Financial Transaction Manager and reduced container image sizes by 1.6 GB
- Utilized **SOAP** calls to create custom **Java** methods for an Early Warning Services emulator to programmatically test for fraudulent Zelle transactions

**Harvard Student Agencies** — Associate Operations Manager

APRIL 2019 - PRESENT

- Wrote **Python** scripts that utilized **REST APIs** to reduce onboarding and offboarding times by 30 minutes
- Propose any new hardware or software initiatives to make the company more efficient

**Harvard Undergraduate Global Education Movement** — Co-Founder

FEBRUARY 2018 - SEPTEMBER 2019

- Designed the organization's website (*hgem.org*) which accumulated over 4,100 unique visitors and \$29,000 in e-commerce revenue
- Designed logos and conference materials, took team headshots, and documented our Dubai Innovation Challenge

**Digital Literacy Project** — Director of Volunteers

SEPTEMBER 2018 - MAY 2019

- Taught computer science to middle schoolers in under-served communities in Boston
- Recruited fellow student teachers

## PROJECTS

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**What in the World Are You Listening To?** — *maxnoahb.github.io/CS171-Final-Project-Spotify*

- Worked with a team to develop a website that visualizes data and informs users about music popularity around the world
- Utilized the **Spotify Web API**, **JavaScript**, **D3.js**, **jQuery**, **HTML**, and **CSS** to create interactive data visualizations

**bigDATA** — *github.com/jfgonzalez99/bigDATA*

- Developed a library of **Python** functions for **big data** analysis and **machine learning**
- Packaged the library for users to install via **pip** and use in their own projects