



# Arturo Portelles

✉ [aport090@fiu.edu](mailto:aport090@fiu.edu)  [github.com/Arturoo0](https://github.com/Arturoo0)  (786) 384-2196  [arturoportelles.me](http://arturoportelles.me)

## EDUCATION

---

Florida International University

2018 – December 2021

*Bachelor of Arts, Computer Science*

- 3.7 GPA
- Dean's List
- Bright Futures Scholarship (Florida Academic Scholar)
- Courses taken: Programming 1, Programming 2, Programming 3, Data Structures, Discrete Structures, Intro to Databases, Intro to Cloud Computing, Intro to Networking.

## EXPERIENCE

---

Goldman Sachs

*Software engineering intern*

June 2021

*New York City, New York (Remote)*

- Contributed to low latency garbage collector optimized applications written in Java.
- Expanded acceptable inbound and outbound protocol message structures on a proxy service and setup their respective workflows while considering future flexibility and abstracting existing logic where possible to allow for greater code reusability.
- Wrote unit tests and expanded logging logic for new message types.

NASA (Ames Research Center)

*Software engineering intern*

(Fall and Spring semesters) August 2020 – May 2021

*Mountain View, California (Remote)*

- Worked along scientists helping to create a data visualization webpage that supports model renders for the habitable planet zone, mass radius diagrams, and additional visualizations that leverage data from the NASA exoplanet archive.
- Built out site features and frontend logic with React and a supporting Flask backend to serve Bokeh object models that query data from the exoplanet archive.

Queentessence

*Software Engineering Intern*

March 2020 – June 2020

*Aventura, Florida*

- Developed and collaborated on key user features using the Django web framework, Python, Docker, JavaScript, jQuery, HTML, CSS, Bootstrap, and GitLab for version control.
- Expanded and created new dashboard components that consume data from an internal API.
- Worked with internal and external API's on tasks such as serializing key user data for the dashboard and integrating an existing live chat module.
- Implemented features on the platform webpage and contributed to the development of the backend logic for the blog and newsletter signup components.
- Learned practical development practices following a Scrum methodology using Jira.

## PROJECTS

---

**"CovidSync" - Overall 2nd / Won best use of Google Cloud**

*Web Application – React / Express / JavaScript / Node.js / Google Firestore / API's / GitHub*

- Attended *PantherHacks* sponsored by Google Cloud.
- Built an application serving as a general-purpose hub for all things COVID-19 that allows users to see statistics, nearest testing locations, a newsfeed, and a gig posting page setup with account creation and language translation.
- Collaborated and organized with peers to efficiently contribute to the application

## SKILLS

---

Python	Git/GitHub	Lua	HTML	CSS	JavaScript	React
REST API's/API's	Express	Java	Node.js	MongoDB		