2022 Coding Institute Schedule

	Trainer	9-10 am EST	Morning 10:30-12:30 am EST	Afternoon 1:30-3:30 EST
Week 1 OBJECTIVE: On-boarding students and Basic Technical skills				
6/6	Sanjana/Linda Hayden/Josselyn Salgado	Welcome, Task Sheets, logistics, Discord	Jetstream Accounts	Jetstream Accounts
6/7	Josselyn Salgado	Poster Designs	UNIX commands + scripting	UNIX commands + scripting
6/8	Josselyn Salgado	Lab or Task Sheet	UNIX commands + scripting	UNIX commands + scripting
6/9	Josselyn Salgado	Lab or Task Sheet	UNIX commands + scripting	UNIX commands + scripting
6/10	Josselyn Salgado	Lab or Task Sheet	UNIX commands + scripting	UNIX commands + scripting
Week 2 Objective: Provide instruction on HPC using Python				
6/13	Jeff Wood/Tony Guy	Professional Statements and Resume	HTML	HTML
6/14	Tony Guy/Josselyn Salgado	Lab or Task Sheet	Coding in Python	Python labs
6/15	Tony Guy/Josselyn Salgado	Lab or Task Sheet	Coding in Python	Python labs
6/16	Tony Guy/Josselyn Salgado	Lab or Task Sheet	Jupyter Notebook/GitHub	Jupyter Notebook/GitHub
6/17	Tony Guy/Josselyn Salgado	Lab or Task Sheet	Jupyter Notebook/GitHub	Jupyter Notebook/GitHub
Week 3 Objective: Provide Information on Gateway Frameworks				
6/20	Rob Quick/Marlon Pierce	Lab or Task Sheet	Intro to Scientific Computing	Source Control and Micro Services
6/21	Voltron Data Rep: Fernanda Foertter	Lab or Task Sheet	Voltron Data Seminar: Apache Arrow	Voltron Data Seminar: Apache Arrow
6/22	George Cox/Rob Quick/Marlon Pierce	Lab or Task Sheet	Code of Ethics	Containers- Flask, Redis and CI
6/23	Voltron Data Rep: Fernanda Foertter	Lab or Task Sheet	Containers- Flask, Redis and CI	Voltron Data Seminar: Become a Voltronaut
6/24	Rob Quick/Marlon Pierce	Lab or Task Sheet	Software Engineering and Design	Software Engineering and Design
Week 4 Objective: Student Projects (Taking past hackathon projects to their logical next step)				
6/27	Munene/Tony/Josselyn	intro to JavaScript	intro to JavaScript	intro to JavaScript
6/28	Munene/Tony/Josselyn	Data to Dashboard	Student projects and mentoring	Student projects and mentoring
6/29	Munene/Tony/Josselyn	Lab or Task Sheet	Student projects and mentoring	Student projects and mentoring
6/30	Munene/Tony/Josselyn	Lab or Task Sheet	Student projects and mentoring	Student projects and mentoring
7/1	Munene/Tony/Josselyn	Lab or Task Sheet	Lab or Task Sheet	Final Presentations

Discord tutorials	https://www.youtube.com/watch?v=rnYGrq95ezA https://www.youtube.com/watch?v=gbu5ceEF3qk
JavaScript tutorial	https://www.youtube.com/watch?v=W6NZfCO5SIk
HTML	https://www.youtube.com/watch?v=UB1O30fR-EE
Airavata Tutorial	https://docs.airavata.org/en/latest/user-documentation/user-tutorials/
GitHub Tutorial	https://amigoscode.com/p/git-github
Python Tutorial	https://amigoscode.com/p/python
Terminal, Bash & VIM Essentials	https://amigoscode.com/p/terminal-and-vim-fundamentals