

## DevOps Spring 2019 Project Sign-up

Project	Description	Project Lead	Team Members
Algocynfas	This is a project to create self-graphing animated algorithms in Javascript using the HTML5 "canvas" element. Tech: Javascript and HTML <a href="https://gcallah.github.io/Algocynfas/index.html">https://gcallah.github.io/Algocynfas/index.html</a>	Yujia Zhang yz4184@nyu.edu	
Emu	An educational tool for teaching assembly language. Tech: Python, Django, HTML, and Javascript. <a href="https://gcallah.github.io/Emu86/index.html">https://gcallah.github.io/Emu86/index.html</a>	Cindy Lee cl3616@nyu.edu	Pratik Vijayakar (ppv225) Ishita Verma (iv447)
Indra	An agent-based modeling system. Tech: Python, Django, HTML, Javascript. <a href="https://gcallah.github.io/indras_net/index.html">https://gcallah.github.io/indras_net/index.html</a>	Prof. Callahan ejc369@nyu.edu	
Automation Tools	Programs to automate courseware, create quizzes, error check web pages, etc. Tech: Python, AWK, and shell. <a href="https://gcallah.github.io/utils/index.html">https://gcallah.github.io/utils/index.html</a>	Prof. Callahan ejc369@nyu.edu	Joshua (jma672) Guari (gss383)
PropArgs	A module for systematically organizing user preferences acquired from a database, env vars, a parameter file, the command line, or user choices. Tech: Python, HTML <a href="https://github.com/gcallah/PropArgs">https://github.com/gcallah/PropArgs</a>	Nathan Conroy ejc369@nyu.edu	
Scheduler	A tool to schedule lectures in classrooms. Tech: Python, Django, HTML, Javascript <a href="https://github.com/gcallah/Scheduler">https://github.com/gcallah/Scheduler</a>	Lucas O'Rourke	
Course Builder	An online course building tool. Tech: Python, Django, HTML, Javascript <a href="http://www.thedevopscourse.com/">http://www.thedevopscourse.com/</a>	Akshay Tambe apt321@nyu.edu	
In-Toto	A framework to secure the integrity of software supply chains. Tech: Python <a href="https://in-toto.github.io/">https://in-toto.github.io/</a>	Santiago Torres ejc369@nyu.edu	Vaibhav Lodha (vl1015) Ayush Sethi (ayush.sethi) Darshil Patel (ddp337)

Azure Pipelines	A Project to integrate continuous integration and deployment using Microsoft Azure. Tech: Python, Shell, Azure <a href="http://www.thedevopscourse.com/devops/suite">http://www.thedevopscourse.com/devops/suite</a>	Tirupal Ravilla trr321@nyu.edu	Seo Gregory ( <a href="mailto:sgp322@nyu.edu">sgp322@nyu.edu</a> ) Rahul Gaonkar ( <a href="mailto:rpg283@nyu.edu">rpg283@nyu.edu</a> ) Hamza Mirza ( <a href="mailto:hm1800@nyu.edu">hm1800@nyu.edu</a> ) Shaival Dalal ( <a href="mailto:sd3462@nyu.edu">sd3462@nyu.edu</a> )
Docker for education	Containerize applications as per the testing, deployment and workflow management requirements for the project (Infrastructure as a Code) Tech: Docker, Shell, Docker Swarm, Kubernetes, YAML <a href="http://www.thedevopscourse.com/devops/infra">http://www.thedevopscourse.com/devops/infra</a>	ejc369@nyu.edu	Vutsal ( <a href="mailto:vs1915@nyu.edu">vs1915@nyu.edu</a> ) Karan ( <a href="mailto:km4350@nyu.edu">km4350@nyu.edu</a> ) Ujjawal ( <a href="mailto:ug308@nyu.edu">ug308@nyu.edu</a> )
Independent project 1		?	
Independent project 2		?	
Independent project 3		?	