Name: Hensley Wint

Project Title: Constellation Brands IT Infrastructure and Operations Internship

Company: Constellation Brands

Industry Sponsor: Michael Kashmer (Manager)

Faculty: Prof. Deveeshree Nayak

Over the summer, I worked remotely as an intern for Constellation Brands in the IT infrastructure and operations department. The target of my internship was to work on projects around automating processes for the IT infrastructure and operations department. After speaking to team members to discover automation opportunities, I focused on two projects. Firstly, I worked on improving an automated server build process already in development. The focus was on improving the existing automation process by using terraform to add additional tags to the server build pipeline. For the second project, they need a PowerShell script to automate the installation and renewal of SSL certificates using Let's Encrypt free SSL certificates. These scripts are required to be deployable on multiple windows servers and utilize Cloudflare's API for certificate authentication.