# CS 305 Module Five Coding Assignment Certificate Generation

# Alexis Prazak

**About CAs**

Certificate Authorities serve as a third party that manages SSL/TLS certificates. It can keep users safe from malware or spoofed sites. They make online communication secure by verifying who you’re sending data to.

Individuals can be their own CA by generating self-signed certificates. This usually happens while you’re still in the development stages of a project. Generating the certificate early prevents you from having to wait on a certificate while completing a site. But, an self-signed certificates aren’t recommended for the final public site. Anyone can make a self-signed certificate, making them less trustworthy than those from trusted organizations. For a serious project the extra cost is worth the boost in legitimacy.

**Certificate Information**

A screenshot of a computer

AI-generated content may be incorrect.

**Server.cer File**

**A screenshot of a computer

AI-generated content may be incorrect.**

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AI-generated content may be incorrect.**