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Lucy Woodman

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EDUCATION

Sanford, FL **Seminole State College of Florida** **June 2017-Dec 2018**

- **Major:** Information Systems Technology, B.S
- **Specialization (minor):** Cyber Security

Overall GPA 3.4

EMPLOYMENT

Information Technology Specialist - Synaptic Sparks, Inc. (www.SynapticSparks.org) - Jan 2018-Present

Primarily supported the Generalized Intelligent Framework for Tutoring (GIFT): Intelligent web-based tutoring system (www.gifttutoring.org)

- Created functionality for recording audio in the browser through multi-touch gestures using Java and JavaScript
- Improved look and functionality of user interface using HTML5, CSS, and Bootstrap
- Integrated another service called CaSS (Competency and Skills System) into the GIFT software suite using a RESTful API built in Java
- Wrote SQL scripts and queries in MySQL
- Wrote a training curriculum for the Amazon Web Services (AWS) Solutions Architect certificate and saved \$900 of company funds per future trainee
- Designed and implemented a new file organization system consisting of Amazon WorkDocs and Amazon S3, reducing time searching for files by 98%
- Launched, configured, and maintained Linux servers in the cloud using Amazon Web Services

CERTIFICATIONS

Amazon Web Services Solutions Architect – Associate

Dec 2019

SOFTWARE PROJECTS

Personal Website

www.lucyannwoodman.com

Designed and developed a personal website using Angular, HTML5, Typescript, and CSS

Vigenere Cipher

<https://github.com/luw20/VigenereCipher>

Developed an encryption algorithm to emulate the Vigenere cipher in Java

Languages: Java, JavaScript, CSS, HTML5, SQL, Typescript, JSON, XML

Software: Amazon Web Services, Git, Angular, Microsoft Office, MySQL, Subversion