

Education

Atlanta, GA	Gwinnett Technical College	August 2018 – May 2020
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- **A.A.S. Computer Programming**, May 2020.
- **Java Programmer Certificate**, December 2019.
- **Dean's List** recipient with a consistent **4.0 GPA** in all classes.
- **Led group project** to implement an inventory system management application allowing CRUD operations on a remote **MySQL** database through a web interface deployed on the **Heroku** platform.
- Created extensive **design documents** for mock implementation of new subsystems for semester-long project.
Semester-long project: <http://scgrk.com/sbru-brd.pdf>
Final project: <http://scgrk.com/ots-brd.pdf>

Online	Udacity	March 2019 – January 2020
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- **Introduction to Programming Nanodegree**, May 2019.
Certificate: <https://confirm.udacity.com/RCQ3GM6S>
- **Java Developer Nanodegree**, January 2020.
Certificate: <https://confirm.udacity.com/JP43NGJT>
- **WebSocket** server back end for chatroom application using **Spring Boot**.
Application: <http://chat.scgrk.com>
Source code: <https://github.com/scgerkin/jdnd-chatroom>
- Converted existing monolith application to **microservices** architecture with **Eureka** service registry, **Spring Data JPA**, **Spring MVC**, and **Swagger** API documentation.
- Mock eCommerce application with user authentication/authorization using **Spring Security** and **JSON Web Tokens**.

Employment

Bartender	Mr. Cue's II Billiards	July 2012 – January 2020
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- Cross-trained across all business roles to fill-in as needed.
- Promote customer relationships by communicating requirements and desires to create a uniquely tailored experience.
- Fast-paced, team-oriented environment requiring constant collaboration.
- **Responsible for building and maintaining business website:** <http://mrcues2.net/>

Languages and Technologies

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- Built and deployed full **CI/CD** pipeline from repository to application deployment using **Docker**, **Jenkins**, **JFrog Artifactory**, **Apache Tomcat**, and **AWS EC2** server running **Red Hat Enterprise Linux**.
 - Implemented and used various database technologies including **MySQL**, **SQL Server**, **H2** databases, and **MongoDB** over **REST** endpoints using **Spring Boot Repositories**.
 - Full-stack development using **Spring MVC**, **Thymeleaf**, **Angular**, and **Bootstrap** styling.
 - **Java**, **SQL**, **Python**, **C++**, **JavaFX/ML**, **Android**, **PowerShell** and **Bash** scripting.
 - Comfortable using JetBrains IDEs (**IntelliJ**, **PyCharm**, **WebStorm**), **Postman** API testing, **JUnit** and **Mockito** testing frameworks, **Visual Studio** and **Visual Studio Code**.