

Sara A. Aliaga  
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## **EDUCATION**

### **Kennesaw State University**

**Graduate, 2022**

Bachelor of Science in Computer Sciences

### **Chattahoochee Technical College**

**Graduate, 2016**

Associate of applied Science in Computer Information Systems Computer Programming.

## **TECHNICAL SKILLS**

### **Certifications:**

- Java Programmer (Three Semesters, Java I, Java II, Java III), CTC Certification
- C# Programmer (Two Semesters, C# I, C# II), CTC Certification

### **Programming Language and Technologies:**

- Python, Python JSON, Java, Javaline. R programming
- Web Development, HTML5, CSS, W3.CSS, JavaScript, JSON, .NET, Angular

### **Software & Operating System**

- Microsoft Windows 10, Linux Mint, Ubuntu
- Microsoft Office: Word, Excel, Access, Power Point
- Project Management and Software Development, Scrum, Agile, Adobe Marketo.

### **Database & Related Courses**

- DBMS, SQL (Structured Query Language), MySQL, SQLite, PostgreSQL, R, Data Analytics, AI (Artificial intelligence), Machine Learning, Scikit-learn, Keras & TensonFlow. Matlab, ETL\ELT
- Git, GitHub, API, Serialization, REST API, Web API

## **PROJECTS**

### **Telemedicine Application**

#### **Kennesaw State University (Spring 2021)**

Designed, implemented, and deployed a telemedicine Application using C#.NET the goal was to create a website for connecting virtually a patient with a doctor. Software development life cycles Waterfall, Agile, Object-Oriented. Design and Analysis (OOD/OOA), Front end development (Html, CSS, JavaScript). Back end + Database system. (RDBMS), Microsoft SQL server Management Studio, included: patient sign-in/login or out module, interactive calendar, Doctor tables, Patient tables, Appointment tables, we create a encrypted key to connect a video conference using Jitsi multiplatform voice (VoIP), and instant messaging applications for the websites. Email appointment confirmation.

## **CTC Student Registration Chattahoochee Technical College**

Developed and designed a student registration Web Application using Java EE & WebApp, Object Oriented analysis, and design, MVC(Model/View/Controller) Architecture, HTML/JSP files, Servlets, Business Objects, Relational Databases, SQL, a database used MS Access, documentation, Java Doc, testing.

## **Prime Properties Chattahoochee Technical College**

Developed a real state website using object-oriented programming (OOP), HTML5, CSS, JavaScript, Ajax, eCommerce, jQuery, Graphs, Pictures, Tables, Forms, connect Form to Server-Side, JSON, Google Map, XHTML. Object, HTML5 Audio, and Video, Adding Java applet, etc.

## **DeRiche Agency, Inc Chattahoochee Technical College (Fall 2016) Senior Project.**

Developed and Designed a Progress Note Application, using Java, NetBeans IDE. The goal was to create automatic forms for patients/clients for recording their medical progress error-free. Agile Software Development methodology (Scrum), Business Objects, Software Development Life Cycle (SDLC), Object-Oriented Design and Analysis (OOD/OOA), SQL-Based relational databases, SQL queries, MySQL database, API, Test Code.

## **WORK EXPERIENCE**

### **Perioperative Nurse Assistant – Wellstar Health System (2018 - 2022)**

- Provide customer care, develop, and implement nursing care plans for surgical patients. Preparing patients for surgery by cleaning and disinfecting areas to be operated on. Assisting surgeons during surgical procedures.

### **Nutritionist Assistant – Wellstar Health System (2009-2018)**

- Customer service, take meal orders for patients by phone, provide patient meals, snacks, and supplements during the day, and provide educational information to patients according to their diet.

## **REFERENCES**

- Debbie King, Administrator  
DeRiche Agency, Inc  
3175 Cherokee St NW Kennesaw, GA 30144  
Phone: (678) 490-3761, Email: [dking@deriche.com](mailto:dking@deriche.com)
- Ira Hicks, Manager - Surgical Department  
Wellstar health system  
Phone: (912) 399-0096, Email: [ira.hicks@wellstar.org](mailto:ira.hicks@wellstar.org)