

**Xavier Brice Sidney**  
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## **Education**

### **University of South Carolina**

#### ***Bachelor of Science in Computer Science***

- Dean's List
- Teaching Assistant for Algorithmic Design
- Area of study Biology and Data Science

Graduation: May 2021  
GPA: 3.4

## **Relevant Skills**

- SQL, C++, Python, C#, C++, Java, JavaScript, HTML, CSS
- QT, PyQT

## **Government Engineer**

### **Scrum Master**

- Led weekly scrum Ceremonies
- Supported Team of Junior engineers in code practices and architecture
- Provide team metrics to increase informed decisions

### **Project Lead**

- Met with customer base on weekly basis
- Translated requirements to code structure
- Increased knowledge spread of capabilities across stakeholders and user base
- Increased user base within organization and outside of

### **Azure Infrastructure Manager**

- Maintains Azure resources
- Ensures cost to performance metrics
- Keeps resource configuration to date

### **Database Admin**

- Maintains and Monitors database ingest and access
- Offloads data or increases server capabilities as needed
- Ensures data validity and repairs corruption

### **IT Specialist**

- Maintains Virtual Machine Suite across several Operating systems.
- Ensures up to date code environments and network connections throughout the environment.

## **Projects**

### **Bitstream Decoder**

#### ***Technical Lead***

- C++ decoder to SQL backend
- Built to connect Legacy government software to SQL Database
- Parses unstructured data into database structures then creates and ingests large data streams to human readable

### **AZURE Upload and Meta Data Mapper**

#### ***Technical Lead***

- C++ Gui using C# Azure Function API to interact with SQL Server Backend
- uploads and maps files into AZURE space
- enables automatic data processing with non cloud systems into a cloud infrastructure.

### **Code Release Software Pipeline and Display**

#### ***Team Member***

- XML Gitlab setup that supports a merge to release and test metric display
- Built to allow Pages support in a non SSL Cert environment