

# Carlos Bryant Cerna

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## EDUCATION

### KANSAS STATE UNIVERSITY, MANHATTAN, KS

May 2022

*B.S. Computer Science and Spanish, Minor in Biology and Spanish Translation*

GPA 2.8

#### Coursework

Object Oriented Design, Implementation and Testing, Data & Programming Structures, Databases, Spanish for the Medical Field, Written Communication for Engineers

## WORK EXPERIENCE

### Buildertrend

Omaha, NE

*Software Engineering Intern*

June 2020 - August 2020

- Deployed React-based webpages from existing Figma designs
- Collaborated with small teams through remote services such as MS Teams
- Analyzed client feedback to propose new features and improve existing systems
- Created test suites to verify webpage components
- Utilized ticketing systems to establish workflow in small team settings

### Fulbright Scholars Program - Kansas State University

Manhattan, KS

*Student Ambassador*

June- August 2019

- Responsible for explaining and teaching exchange students about US customs and language
- Translated and Interpreted for students in both Portuguese, Mandarin, and Spanish
- Responsible for exchange student's well-being and safety

### Computer Science Department - Kansas State University

Manhattan, KS

*Teaching Assistant: CIS 301 – Data and Programming Structures*

July 2019

- Instructed students on the following topics using C#: arrays, stacks, recursion, lists, debugging, sorting algorithms and tree traversal techniques

### Bolye Laboratory - Kansas State University

Manhattan, KS

*Biology Lab Assistant*

Dec 2018 – May 2019

- Verified data integrity and accuracy
- Categorized departmental documents for appropriate distribution and filing
- Copied and logged supporting documentation and organized lab data to improve readability
- Utilized motion tracking software to analyze native avian species in the Konza Prairie

### Olsen Laboratory - Kansas State University

Manhattan, KS

*Computer Programmer*

Sep 2018

- Conduct trial runs of programs and software applications to be sure they will produce the desired information and that the instructions are correct
- Compile and write documentation of program development and subsequent revisions, inserting comments in the coded instructions so others can understand the program
- Correct errors by making appropriate changes and rechecking the program to ensure that the desired results are produced

## SKILLS

**Linguistics:** Spanish - Business Level Speaking, Writing, and Reading,

French - Conversational Level Speaking, Writing, and Reading

**Expert:** C#, Microsoft Teams, React

**Adept:** MSSQL, Python, Nextjs, Node.js, Adobe Suite, Google Suite, Raspbian, RaspberryPi, Gatsby, C

**Novice:** Entity Framework, Heroku: Cloud Applications, Arduino

## CURRENT PROJECTS

- Smart Home Renovation
- Digital Home Assistant – HAI
- Discord Bot - CARMEN
- Personal Website
- Translation and Interpreting Services - Spanish