

Logan Santos

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My professional objective is to convert my internship with CDK Global to a Software Engineering position and to continue building problem solving solutions with the Third-Party Integrations team.

EDUCATION

Bachelor of Science in Computer Science || Sonoma State University || Graduating May 2023

- Experience includes working in team environments with fellow students to produce quality projects with efficient code under compressed timelines. Knowledge and proficiency in data structures, complex algorithms, computer architecture, databases, and software design & development.

Relevant Courses

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|-------------------------------------|-----------------------------------|-------------------------------------|
| • Intro to Python | • Software Design & Development | • Intro to Data Science |
| • Intro to C++ | • Computer Architecture | • Intro to Unix |
| • Data Structures | • Discrete Structures in Comp Sci | • Calculus I |
| • Algorithm Analysis | • Intro to Computer Organization | • Elementary Applied Linear Algebra |
| • Database Management System Design | | • Comp Sci Colloquium |
| | | • Operating Systems |
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RELEVANT PROJECTS

Word Ladder (C++) - I designed and implemented a C++ program that reads a dictionary of words and determines whether there is a ladder between pairs of words. Beginning with a starting word and a target word. This program uses a map abstract data type to store key-value pairs.

Input: Start: wall Target: cell -> **Output:** wall ball bell cell

Grocery SQL Database (SQL) - I designed and implemented a database that manages a complex grocery store system with a complete entity relationship diagram and relational schema. The core entities are Customer_Account, Payments, Item, Delivery_Attempt, and Manufacture which are used to extract data from the populated database.

TECHNOLOGY SKILLSET

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|---------------|-----------------------------------|--------------------|
| • C++/C | • MS Visual Studio ASP.NET and C# | • MacOS |
| • Python | • HTML/CSS | • Microsoft Office |
| • SQL (MySQL) | • Rest APIs (NodeJS) | • Unix/Git |
| • JavaScript | • Windows OS | • VIM |
| | | • EMACS |
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WORK EXPERIENCE

CDK Global

Software Engineer Intern || San Jose, CA || June 2022 - August 2022

- Contributed to the optimized redesign and automation of a service-level agreement system using C# and .NET asynchronous programming for automotive vendors. The outcome was beneficial to the team, resulting in an automated SLA generation process that no longer requires usage of a third-party software program. Gains realized for CDK include cost reductions and time savings.
- Worked successfully with the Third-Party Integrations team to develop systems to close the gap between CDK Global and the services delivered to third-party vendors.
- Contributed to Scrum meetings for priority planning and identifying backlogged items for completion in upcoming sprints. My focus was to analyze previous sprints and to identify areas of improvement.
- Troubleshooting of technical issues and problem solving with CDKs software engineering team.
- Participated in all internship activities to ensure full understanding of what it will take to be successful as a Software Engineer at CDK Global. Proudly recognized as a "Connected Intern" by the Early Careers Team.