

# Chris Kontsis

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## Education

### Arizona State University

Tempe, AZ

B.S. IN COMPUTER SCIENCE - GPA: 3.6

Aug. 2020 - May 2024

- **Completed Courses:** Data Structures and Algorithms, Operating Systems, Distributed Software Development, Intro to Machine Learning, Database Management

## Work Experience

### Lumen Technologies

Remote

SOFTWARE ENGINEER INTERN

June 2023 - Aug. 2023

### Meteor Studio at Arizona State

Tempe, AZ

SOFTWARE DEVELOPER (PART-TIME)

Jan. 2023 - May 2023

- Collaborated with a team of software developers to engineer interactive AR/VR mini-games using C# and Unity, showcasing various sectors of the tech industry.
- Implemented game mechanics and behavior using C# scripting to enable player interaction, movement, and game logic.
- Empowered and facilitated exploration of diverse tech careers for over 2000 high school students, showcased by Verizon.

### Paul Martin's American Grill

Scottsdale, AZ

SERVICE ASSISTANT

Jan. 2022 - Oct. 2022

- Communicated with more than 10 servers nightly to help guarantee over 400 customers receive a flawless dining experience.
- Ensured parties of up to 20 customers received their order correctly and quickly cleared their tables to allow new customers to be seated.

### Tocaya Organica

El Segundo, CA

SERVICE ASSISTANT

May. 2021 - Aug. 2021

- Ensured correct orders were delivered to guests in under 20 minutes while managing incoming orders for over 100 people to create a smooth customer experience.

## Projects

### Algorithms Visualizer

PERSONAL

Feb. 2023 - Current

- Engineered an algorithm visualizer application using C++ and SDL2.
- Implemented various sorting algorithms, such as Bubble Sort, Merge Sort, and Quick Sort, in C++ to visualize their step-by-step execution, count total comparisons, and total swaps during run-time.

### Social Media Website

ARIZONA STATE UNIVERSITY

Jan. 2023 - May 2023

- Lead a team developing a full-stack Instagram-like social media application using React with Sass.
- Designed and integrated a PostgreSQL database to efficiently store and manage user information.
- Implemented back-end functionality using Express and Node.js, enabling seamless communication between the front-end and the database.

### Simulated Market Maker

PERSONAL

Nov 2022 - Dec 2022

- Developed a simulated Market Maker in C++ to take in buy and sell orders for different equities as they arrive.
- Executed trades as quickly as possible by maintaining an order book to match buyers to sellers.
- Charged commissions while maintaining different market statistics (median, volume, volume weighted average price) for all equities and participants.

### Movie Ratings Guide

PERSONAL

March 2022 - May 2022

- React and Tailwind application that allows users to curate the top critics reviews for particular movies.
- Utilized MDBList API to fetch and display the reviews of specified movies in a user-friendly manner.

## Skills

**Programming** C++, Python, Java, C#, JavaScript, SQL, HTML/CSS

**Tools/Technologies** Git, Linux, React, JavaFX, Sass, Unity, Pytorch