

Albert Luna

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Education

B.S in Computer Science - DePaul University, Chicago, Illinois | Expected Graduation: 03/2024

Cumulative GPA: 4.00 | **Scholarships and Awards:** Presidential Scholarship and Dean's List

Relevant Course Work: Concepts of Programming Languages, Algorithms, Data Structures 1 & 2, Computer Systems 1 & 2, WebAssembly Lab, Data Analysis, Information Systems, Database Systems, Object-Oriented Software Development, Software Testing, Distributed Systems, Web Development, Online Communities, Agile Software Dev, Intro to Compilers

Future Course Work: Database Programming, Intro to Content Management Systems, Software Projects.

Skills

Programming Languages: TS, JS, Java, Python, C++, WebAssembly, Scala, Scheme, PL/SQL, HTML, React, Angular

Software & Applications: Office, VS Code, Visual Studio, Git, Oracle SQL Developer, Oracle VM Virtualbox, Figma

Technical: UML, Virtualization, Software Testing, Code Review, Debugging, Prompt Engineering

General: Communication, Teamwork, Problem-Solving, Active Listening, Time Management

Experience

Junior Developer Intern - StageKeep, Toronto, Canada, | June 2023 - September 2023

- Developed multiple features for the StageKeep web application, written in Typescript using React.
- Features Developed: Reactive Website/Layout for Mobile view, touch support, free sliding playhead for timeline, item snapping to canvas, updated onboarding process, formation renaming, comment edit and delete functionality.
- Used creative background from dance to provide valuable UX/UI input on new features and future ideas/concepts.
- Participated in daily scrums to provide progress updates and uncover potential blockers.

Supplemental Instruction Leader - DePaul University, Chicago, Illinois | March 2023 - Present

- Holds weekly review sessions based on the material presented in Data Structures 1 to aid students and improve pass rates.
- Creates own supplemental materials to help students' understanding of historically difficult concepts in data structures.

Grader - DePaul University College of Computing, Chicago, Illinois | Fall 2022 - March 2023

- Grading Intro to Computer Science 1&2 assignments and providing feedback to students.
- Communicates frequently with professors for logistics and potential code plagiarism.

IT Internship - Knight Engineers and Architects, Chicago, Illinois | June 2021 - August 2021

- Aided Senior IT in the deployment of custom Windows 10 images through the network.
 - Learned about VMware, Virtualization, and Server Management.
 - Managed tech help desk for employee problems related to software and hardware.
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Projects

The AI Adventure Assistant - MLH x Github ALL IN | [Devpost](#) | [Github](#) | Spring (2023)

- An application powered by OpenAI's ChatGPT API that gathers the user's location using Metro API and displays an itinerary of a personalized trip generated by ChatGPT.
- Worked on prompt engineering to get consistent responses from the GPT model, polling the user for their preferences, and displaying results on screen.

Feedback (Web Development Course Project) | Spring (2023)

- An Angular web application that allows users to sign in and make a post to a global thread about music.
- Conducted UX research to determine preferred UIs and layouts. Realized these findings with HTML and CSS.
- Completed the login system, local posting implementation, and pulling/displaying all posts stored in Firebase.