

Omar Carrillo

ocarr155935@gmail.com | (219) 307-5488

LinkedIn: <https://www.linkedin.com/in/omar-carrillo-882095195/> | **Handshake:** <https://uic.joinhandshake.com/stu/users/26020384>

Education

Bachelor of Science in Computer Science

Completed May 2023

University of Illinois at Chicago

- GPA – 3.14/4.00
- Relevant Coursework: Software Design, Cloud Computing Objects, Development of Mobile Applications, User Interface Design, and Database Systems.

Skills

- Languages: C/C++, Java, Scala, Python, JavaScript, HTML/CSS, React
- Experience working in an Agile programming environment with use of Jira and fluently speaks Spanish.

Projects

Interactive Portfolio in React with CTA Ridership Project (In Progress)

Spring 2023

- An interactive portfolio in the style of a website with animations and styling: <https://ocarr3.github.io/react-cta-portfolio/>
- Page dedicated to project where users can interact with the map of the CTA's train routes to request ridership information in which they can select parameters such as specific lines and stations, an interval of dates, days of the week, etc. from the database.
- The requests from users are translated into queries that on the backend side will fetch information and displayed back to the user in a digestible manner.

Development of User Interface Prototype with a Startup Idea

Spring 2023

- Team of peers was tasked with developing a prototype interface based on a tech startup's idea and goals
- Using interface designing principles and user testing to design a usable prototype using HTM, CSS and JS.

Amazon Web Services Lambda Function to access S3 Objects

Fall 2023

- **Repository:** <https://github.com/ocarr3/CS441Homework2> **Demo:** https://youtu.be/EzrW624_ZPo
- Client and Server applications written in Scala that communicate using gRPC to send requests to an AWS Lambda function written in Python.
- Lambda function processes log files stored in an Amazon S3 bucket based on the received request and sends a response using REST API.

Distributed Program to deploy on Amazon Web Services EC2 IaaS

Fall 2023

- **Repository:** https://github.com/ocarr3/CS441_Fall2022 **Demo:** <https://youtu.be/7R4U8fRmB4M>
- An application written in Scala to process batches of log files based on critical information within the log entries using Apache Hadoop and MapReduce to write corresponding mappers and reducers for the specific log entries.
- Included configuration capability, logging framework (log4j) and ability to package and deploy on an Amazon EC2 instance.

Software Development and Coding Project

Spring 2022

- Developed an idea for a piece of software with a professional document of the software's goals, requirements, and constraints with a team of peers.
- Worked in an Agile software development environment, attended weekly meetings with groupmates to document progress and action items for the upcoming work week using Scrum and updating a Jira board.

Work Experience

Clerical Associate

Digital Transformation Services (DMI)

Current Position

- Unbox and activate mobile devices manufactured by Samsung tablets and Apple iPhones to prepare and program for use by clients based on their needs.
- Clients such as network providers may require hardware preparation on devices such as changing SIM cards, software activations, and ultimately preparing them for packing and shipping to clients such as Dollar Tree and Delta.

Warehouse Associate

NNR Global Logistics Inc.

May 2021 – Sep 2022

- Performed inventory checks on available electronic material with focus on organization.
- Ensured electronic parts ordered were collected and packed together for outbound shipments.
- Completed picking process for electronics in warehouse storage for outbound orders.