Carla CompSci

CarlaCS@uchicago.edu | github.com/CSCarla2 | CarlaCompSci.com | 773-555-7600

EDUCATION

THE UNIVERSITY OF CHICAGO — Chicago, IL
Bachelor of Science in Computer Science — Expected: June 2027
GPA: 3.38/4.00 — Honors: Dean's List 2024– 2025
Relevant Coursework: Computer Systems and Architecture, Intro to Computer Vision, Theory of Algorithms, Mathematical Foundations of Machine Learning, Discrete Mathematics, Programming Languages, Elementary Functions and Calculus I & II

SKILLS (example 1)

Technical: Proficient in Python, C; Experienced in JavaScript, HTML/CSS
Language: Proficient in Spanish (reading/writing/speaking)

TECHNICAL SKILLS (example 2)

Languages: Proficient in Python, C; Experienced in JavaScript, HTML, CSS
Frameworks: Flask, Django Spark
Databases: Firebase, MySQL, MongoDB
Tools: Android Studio, Git, SVN, Google Cloud Platform, Figma, Invision

EXPERIENCE

Department of Computer Science, University of Chicago — Chicago, IL
Research Assistant — January 2025 – Present
- Performed topic modeling in Python using NLTK and Latent Dirichlet Allocation with Gensim in order to identify educational resources available to children about digital privacy
- Composed scripts to extract and clean data of 40k applications from two App stores using Scrapy and Pandas

Tech Team, University of Chicago — Chicago, IL
Web App Designer — October 2024 – December 2024
- Collaborated with three undergrad peers to design a functional web application for a local small business, Peach's Restaurant, based on requirements, UX, and deadlines
- Built web application using MongoDB, Express, Node, and Angular

Girls Who Code — Atlanta, GA
Teaching Assistant — June 2024 – August 2025
- Lectured on foundational computer science topics including Python, Scratch, and Arduino C
- Mentored a class of 20 high school students working to create mobile applications for mental health awareness

TECHNICAL PROJECTS

Uncommon Hacks, University of Chicago — January 2025
- 4-member team awarded "Best Hack for Design" for CNNXT.com
- Prototyped web application with Figma and collaborated on debugging Javascript stack (React, Redux, Node)

Social Media Analyzer — October 2024
- Used the Twitter SDK to fetch related tweets on companies and applied sentiment analysis in Python using IBM's Alchemy Language API to create interesting predictions
- Built with: Java, Python, Android Studio, Google Cloud Platform, Twitter Search API, IBM Language API

Emotion Bot — July 2024
- Built a Slack chat bot to recommend activities based on a person's emotional state
- Built with: Python, Django, Slack API, ngrok and Sentigem API (sentiment analysis)

LEADERSHIP AND ACTIVITIES

CompileHer   Chicago, IL
Corporate Outreach Chair   January 2024 - Present

- Coordinates with tech corporations to sponsor events dedicated to achieving gender equality in the technology industry by fostering STEM interest in local middle school girls
- Secured $20,000 in additional funding through professional outreach with 15+ sponsorship connections

INTERESTS

Academic: Web Design, Mobile Applications
Hobbies: Fencing, Board Games, Custom Tea Blends