

Carter Burzlaff

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EDUCATION

Lewis University | Romeoville, IL | Expected Graduation: May 2023

GPA: 3.92/4.0

- B.S. in Computer Science (May 2022) – B.S. in Data Science (May 2023)
- Concentration: Software Engineering
- Minors: Mathematics (December 2020), Data Science (May 2022)

Related Coursework:

Algorithms and Data Structures
Object-Orientated Programming
Mobile Application Development

Artificial Intelligence
Database Systems
Mathematical Modeling

Software Engineering
Machine Learning
Applied Linear Algebra

PERSONAL PROJECTS

MangaBank (Website) ⇄

May 2021 – Present

- Implemented and deployed a HTML/CSS and Node.js website that utilizes Express.js and Handlebars.js to organize and display web comics
- Configured a Raspberry Pi to continuously execute and update the MySQL db in real-time via SSH tunnel

TossUp – CS:GO Companion (iOS + Android App) ⇄

June 2020 – May 2021

- Implemented and deployed a multiplatform app to assist users in popular video game Counter-Strike
- Engineered solutions to problems such as dynamic button generation and mobile storage limitations
- Achieved 5000 downloads with no paid advertising campaign

Steam Market Bot (Javascript/Node.js) ⇄

May 2020

- Designed and implemented a bot that notifies the user when a tracked item(s) matches a target price threshold, allowing the user to purchase undervalued items for a net gain.
- Utilized Discord.js module to send user notifications and Puppeteer for item marketplace scraping.

TECHNICAL SKILLS

- **Operating Systems:** Windows, iOS, Android
- **Languages:** Java, Swift, Javascript/Node.js, Python, HTML, CSS, SQL, XML, some C/C++
- **Software:** Visual Studio Code, Xcode, Android Studio, Firebase, AdMob, VirtualBox, MATLAB, MS Office
- **Work Environments:** Individual, Agile: Web Development Scrum Team

COLLEGE ATHLETICS

Lewis Men's Volleyball Team

Fall 2019 - Present

- Floor Captain: Responsible for team lineup and positioning while giving post-play feedback to teammates
- Committed 25+ hours per week to training, meetings, film study, matches, and treatment while maintaining a full 18-hour course load and 3.92 GPA
- Developed timeliness, conflict resolution, and leadership skills to reach team and personal goals
- NCAA D1 Final Four appearance – MIVA Conference Champions | 2020-2021 season

AWARDS

- Recipient of the Carey-Gillespie Scholarship for academic achievement | 2020-2022
- Lewis University Dean's List | 4 Semesters
- Gold Delahanty Award Winner | 2019, 2020
- MIVA Academic All-Conference | 2019, 2020

WORK EXPERIENCE

- **Chipotle Mexican Grill** – Prepared and distributed food to customers June 2021-August 2021
- **Pipeline Volleyball Club** – Head coach for U14 practices and tournaments May 2021-June 2021

Interests: Volleyball, Ping-Pong, Barbering, Stocks/Options/Crypto, Manga, Strategy Games, Street Fashion