

# Charles Carroll

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## Objective

Competitive Computer Science student focusing on optimizing front-end interfaces and experiences to drive growth, satisfaction, and retention. Proficient in Java, C, and Swift, with a strong foundation in analyzing user behavior, designing intuitive solutions, and leveraging technology to enhance customer engagement. Experienced with web and mobile development to align with marketing strategies and business maximization schemes.

## Education

**INDIANA UNIVERSITY** **Bloomington, IN** **08/22 - 04/26**

- **Major (Luddy School of ICE):** Computer Science - Specialized in Software Engineering
- **Minor (Kelley School of Business):** Marketing
- **Honors:** Dean's Academic Merit Scholarship; Luddy School Direct Admit Scholarship; Luddy Merit Award
- **Microsoft/LinkedIn Certification:** Career Essentials in Software Development

## Employment Experience

**Software Development Intern** **EPIBUILD, INC.** **12/24 - PRESENT**

- Worked with healthcare clinic managers to analyze patient data and develop solutions to improve data organization.
- Oversaw the implementation of data management solutions by data analytics interns.

**Assistant Manager** **SUNTEX MARINAS (Diversey Harbor – Chicago)** **05/22 - 08/24**

- Helped manage and optimize the operations for 700+ boat mooring slips in Diversey Harbor, training new employee additions yearly to assess and handle various inefficiencies.
- Used Microsoft Excel and Chicago Harbors' custom database to develop solutions regarding payment and invoice information, shore power data, and work order requests for boating customers.

**Web Developer/Advisor** **LUCKY PUZZLES, LLC** **02/21 - 09/23**

- Designed a direct-to-consumer e-commerce website through JavaScript page templates and SEO/SEM strategies in website's HTML for traffic maximization, leveraging customer/user base research and analytics.
- Created and managed social media platforms, customer newsletters, and customer campaigns, ultimately helping lead to the acquisition of this startup company.

## Personal Projects

- **Theta Chi Cycling App** – iOS app that efficiently keeps track of our teams training statistics throughout the year, storing ride information/maps and implementing live, in-app chatting/posting within team.
- **Financial Freedom Discord Channel** – Created/moderated a stock/options community with live chats, imported tips, tutorials, news, and research from various bots/sources. Researched and alerted options contract “call outs” to members with a total growth of 1270.16% from an initial sample account following every alert.

## Technical Skills

- Languages: Java, JavaScript, HTML/CSS, C, Python, Swift
- Tools: Git, Xcode, Firebase, VMWare Fusion, Docker, Flask, Google Ads/Analytics/Search Console, MS Office

## Leadership and Involvement

### Theta Chi Little 500 Cycling Team Captain

- Reestablished Little 500 Cycling Team after a 5-year period of not qualifying or having a team by recruiting new team members and staff each year, working with Theta Chi's national board and Realty Corporation to secure budgets for equipment, over \$12,500 in rider scholarships, and a dedicated remodeling to a room for team gear and training.

**INTERESTS/SKILLS** Soccer, Cycling, Chess Club at IU, Stock/Options Investing, ΘX Fraternity, NYT games

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