

Lukas Unguraitis

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Education

University of Illinois Urbana-Champaign

Bachelor of Science in Computer Science + Philosophy, GPA 3.9/4

Urbana, IL

Expected May 2025

Experience

IT Intern

Littelfuse

May 2022 – June 2022

Chicago, IL

- Collaborated with a team to analyze competitor social media presence and provide strategy recommendations
- Utilized Python web scraping and conducted research to inform recommendations
- Delivered presentation to executive team, communicating complex data and analysis

Software Development and Delivery Intern

University of Illinois Chicago - Technology Solutions

July 2022 – August 2022

Chicago, IL

- Developed an inventory management interface using the MEVN stack
- Developed a website using vanilla HTML, CSS, and JavaScript as a test project

Projects

(WIP) Course Warlock | Node.js, Svelte/Vite, Python, FastAPI, Git, Docker

January 2023 – Present

- Developing a university course search app by integrating GPA, Professor Rating, and University API search tools using Django backend and Svelte/Vite frontend
- Working with a team to implement the project, having already overcome challenges including deciphering a poorly documented University API and implementing a Node.js module in a Python app
- Building a system for regular updates of GPA data-sets and instructor ratings to allow for longevity and maintainability

MIRTH.CC | Astro, HTML, CSS, JavaScript, TypeScript

March 2023

- Created performant website using the Astro framework with a minimalist, utilitarian design.
- Implemented mobile-first design and dynamic adaptation for mobile and desktop using Turbolinks for a responsive single-page app experience.
- Deployed on GitHub Pages with GitHub Actions.
- Achieved a perfect Google Lighthouse score on both mobile and desktop, meeting accessibility standards.

Divvy Analysis | C++

September 2021

- Developed a program to quantify and analyze Divvy(Chicago bike sharing company)'s trip data, allowing for efficient analysis of key metrics
- Conducted data cleaning and manipulation to streamline the analysis process
- Built and implemented multiple analysis methods to identify patterns in the data, such as riding times on weekdays versus weekends, providing insights into usage trends

Technical Skills

Coursework: Data Structures, Program Design, Discrete Mathematics, Programming Practicum, Computer Systems

Languages: Python, C/C++, JavaScript, TypeScript, HTML/CSS, Rust

Frameworks: Svelte, Vue.js, Node.js, FastAPI, Astro, WordPress

Developer Tools: Git, Docker, VS Code

Libraries: pandas, NumPy, Matplotlib