Lukas Unguraitis

(630)-303-7732 | lu@mirth.cc | linkedin.com/in/lumirth | github.com/lumirth

Education

University of Illinois Urbana-Champaign Urbana, IL
Bachelor of Science in Computer Science + Philosophy, GPA 3.9/4 *Expected May 2025*

Experience

IT Intern May 2022 – June 2022
Littelfuse *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 July 2022 – August 2022
University of Illinois Chicago - Technology Solutions *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