

Lucas Fox

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EDUCATION

Bachelor of Science in Computer Science

University of Cincinnati

Apr 2026

Cincinnati, OH

EXPERIENCE

Software Engineer Intern

Aug 2024 – Dec 2024

Cincinnati Children's Hospital Medical Center

Cincinnati, OH

- Developed a dynamic Angular web application with a .NET backend to ensure performance
- Wrote unit tests for API routes and data layer functionality, guaranteeing reliability and robust operations
- Collaborated in an Agile environment, contributing in stand-ups, sprint planning, and construction modeling

Web Applications Developer and Designer Intern

Jan 2024 – Apr 2024

Cincinnati Children's Hospital Medical Center

Cincinnati, OH

- Designed components in Figma using variables and tokens to promote consistency and convenience
- Developed self-contained flexible components using TypeScript, React, CVA, and MaterialUI for use on websites
- Leveraged Storybook to ensure components are responsive, accessible, and demonstrate useful stories

Event and Banquet Staff

Oct 2021 – Present

Aston Oak Golf Club

Cincinnati, OH

- Assists logistical management of ceremonial, corporate, and public events
- Inspects event facilities to ensure customer requirements are fulfilled

Groundskeeper

Jul 2021 – May 2023

Great Parks of Hamilton County

Cincinnati, OH

- Communicated with course superintendent and team members to identify and address issues promptly
- Operated various grounds keeping equipment daily to prepare the golf course

PROJECTS

Website Portfolio | *TypeScript, React, TailwindCSS*

Jul 2023

- Engineered a professional website portfolio using React and TypeScript to showcase projects
- Implemented responsive and user-friendly design to ensure a seamless experience across various devices
- Employed Git and GitHub for version control to manage project development and resolve issues effectively
- Ensured cross-browser compatibility and accessibility standards compliance to reach a broad audience

MakeUC Hackathon (Nutripy) | *Python*

Oct 2023

- Deployed a web app that identifies nutritional value from a bar code
- Collaborated with a team of 4 to create the web app in under 24 hours
- Built a front end using TaiPy, a Python frontend

Application Auto Login | *C#*

June 2022

- Created a C# application to automate the login process for a various software, enhancing user convenience
- Designed a graphical user interface that allows users to configure and customize login parameters
- Utilized the .NET framework to create a convenient and reliable auto-login program compatible with Windows

Lego Mindstorm Robot | *Python, LabVIEW*

Aug 2021 – Apr 2022

- Facilitated weekly meetings with team for updates, resulting in delivering project tasks ahead of schedule
- Programmed robots in LabVIEW and Python to move, sort, and scan objects while navigating an obstacle course

TECHNICAL SKILLS

Languages: TypeScript, JavaScript, C++, C#, C, Python, HTML/CSS, LaTeX, MATLAB, Visual Basic, LabVIEW

Frameworks: React, Angular

Developer Tools: Git, GitHub, Figma, Storybook, VS Code, Visual Studio, Anaconda

Libraries: pandas, NumPy, Matplotlib, Mindstorm EV3, TailwindCSS, CVA, MaterialUI, Material for Angular

AVAILABLE FOR CO-OP SUMMER 2025