

## Derek Nissen

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### EDUCATION

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University of Missouri | Columbia, MO

August 2023 - May 2027

B.S. in Computer Science

Relevant Courses: Introduction to Computer Science, Algorithm Design & Programming I

Summit Technology Academy | Lee's Summit, MO

August 2021 - May 2023

Computer Science Path

Relevant Courses: Software Development - Python, Software Development - Data Science & Artificial Intelligence

### TECHNICAL SKILLS

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Programming Languages: Python, C, Lua, HTML, CSS

Tools: Visual Studio Code, GitHub, Figma, Replit, Firebase, Jupyter Notebook

Libraries/Frameworks: Pandas, Selenium WebDriver, Matplotlib, Scikit-learn

### PROJECTS

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Google Firebase for ROBLOX

August 2023 - September 2023

- Integrated **realtime database** services from **Google Firebase** into a virtual experience to store data for more than 100,000 users using **Lua**.
- Designed interfaces for users to load and interact with their data using **Figma**.

MileSplit Scraping

June 2023 - July 2023

- Utilized Selenium WebDriver, Pandas, Matplotlib, & Jupyter Notebooks to gain familiarity with the **ETL** process.
- Created a program that outputs a graphical representation of athletes' race times.

### PROFESSIONAL EXPERIENCE

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Graphic Designer | Harpo's Bar & Grill | Columbia, MO

October 2023 - Present

- Utilize **Figma** to produce social media graphics.
- Maintain brand consistency across online accounts and promotions.
- Collaborate with colleagues to create effective marketing strategies.

### ADDITIONAL EXPERIENCE

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Attendee | US Python Conference | Salt Lake City, UT

April 2023

- Connected with Python startups and tested new technology for bugs.
- Gained familiarity with new Python tools through presentations and sprints.

### CERTIFICATIONS

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Figma UI/UX Design Essentials | Udemy | Daniel Walter Scott

October 2023