

Nicholas Ferraz de Oliveira

Full Stack Software Engineer

4 years of experience working in a Big Ten University, developing software systems using PHP, JavaScript, SQL, Python. Currently pursuing work opportunities as Full Stack or Back-End Software Engineer in a fast-paced, collaborative work environment.

Contact

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Phone

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LinkedIn

<https://www.linkedin.com/in/nicholasferraz/>

Skills

Python	■ ■ ■ ■ ■
PHP	■ ■ ■ ■ ■
C	■ ■ ■ ■ ■
JavaScript	■ ■ ■ ■ ■
Linux	■ ■ ■ ■ ■
Java	■ ■ ■ ■ ■
HTML5	■ ■ ■ ■ ■
MySQL	■ ■ ■ ■ ■
CSS	■ ■ ■ ■ ■
C#	■ ■ ■ ■ ■
bash	■ ■ ■ ■ ■



Work History

2018-06 -
Current

Software Engineer

University of Illinois at Champaign-Urbana,
Prairie Research Institute | Champaign, IL

- Gathered and defined internal stakeholder needs and adjusted to any changes.
- Develop custom software based on limited specifications and complex level of difficulty, using HTML, CSS, JavaScript, and PHP.
- Write technical documentation.
- Use, maintain, and design SQL databases using MySQL, MariaDB and Microsoft SQL.
- Manage Linux and Microsoft servers, including Apache and IIS web servers, using shell scripting.

2017-03 -
2018-05

Junior Web Developer

University of Illinois at Champaign-Urbana,
University Library | Champaign, IL

- Pulled from PHP, SQL, JavaScript, and other back-end library knowledge to bolster programming resources.
- Developed page layouts and navigation tools that met or exceeded user expectations.
- Planned website development, converting mockups into usable web presence with HTML, JavaScript and JSON coding.

Testimonials

"I would hire Nick back onto our Web Team in a heartbeat if we had the budget.

[...] In addition to his technical contributions, Nick was also a great team member. He worked well not only with other technology staff, but also with faculty and staff throughout the Library, including taking over responsibility for teaching non-technical staff how to use the new WordPress system to edit their web content.

Nick would be a good addition to any web development team."

– **Thomas Habing**,
Director, Data and Systems, Sponsored Programs Administration at University of Illinois at Urbana-Champaign

"Nick is a thorough and diligent professional who listens before he talks. He is highly focused and his attention to detail, nuanced communications skills and follow-through on commitments made him a successful part of the Steele team."

– **James Greenall**,
EMEA Director at Steele Compliance Solutions

- Designed, implemented, and monitored web pages, plugins, and functionality for continuous improvement.
- Built website interfaces with HTML and CSS.
- Developed a series of Python scripts to facilitate the migration of thousands of pages from a legacy CMS to WordPress.

Education

**2020-01 –
12- 2021
Expected
Graduation**

Master of Science in Computer Science [4.0 GPA]

*University of Illinois At Springfield - Springfield,
IL/Online*

- CSC 583 Network Programming (Java)
- CSC 484 Introduction to Parallel Processing (C programming/OpenMP/MPI)
- CSC 472 Intro to Database Systems (SQL)
- CSC 470 Cybersecurity Competition
- CSC 389 Introduction to Operating Systems
- CSC 376 Computer Organization
- MAT 121 Applied Statistics
- CSC 388 Programming Languages

**2008-01-
2011-06**

Bachelor of Arts: History

Knox College – Galesburg, IL

Certifications

12-2019	Introduction to Cyber Attacks
12-2019	Real-Time Cyber Threat Detection and Mitigation
12-2019	Enterprise and Infrastructure Security
12-2019	Cyber Attack Countermeasures
1-2021	Python (Basic) Certificate [HackerRank]
1-2021	Rest API (Intermediate) Certificate [HackerRank]
1-2021	Problem Solving (Basic) Certificate [HackerRank]
1-2021	Java (Basic) Certificate [HackerRank]



Competitions

National Cyber League Spring 2020

· 93rd National Percentile [Individual Game](#)

· 98th National Percentile [Team Game](#)