Nicholas Ferraz

Full Stack Software Engineer

Full Stack Software Engineer with over 4 years of experience developing software systems using PHP, JavaScript, SQL, Python and Linux. Pursuing work opportunities as Full Stack or Back-End Software Engineer in a fast-paced, collaborative work environment.

Contact

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Website
nickferraz.com

Skills

Skill	Level
Python	■■■■□
PHP	■■■■□
C	■■■□□
JavaScript	■■■□□
REST API	■■■■■
Java	■■■□□
HTML5	■■■■■
MySQL	■■■□□
CSS	■■■□□

Work History

2018-06 - Current

Software Engineer

University of Illinois at Champaign-Urbana, Champaign, IL

- Gathered and defined internal customer requirements to develop clear specifications for creating well-organized project plans.
- Adjusted software parameters to boost performance and incorporate new features.
- Configured, installed, and tuned Linux and Windows-based systems for performance.
- Maintain legacy systems.
- Planed and execute web site migrations from Drupal to WordPress.

2017-03 - 2018-05

Junior Web Developer

University of Illinois at Champaign-Urbana, 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.
- Designed, implemented, and monitored web

pages, plugins, and functionality for continuous improvement.
- Built website interfaces with HTML and CSS.
- Multi-tasked across multiple focuses to generate project results and meet deadlines and organizational expectations.

Education

2020-01 – Current	**Master of Science: Computer Science** *University of Illinois At Springfield - Springfield, IL*

- CSC 583 Network Programming
  - Developed a multi-threaded web server in Java.
- CSC 484 Introduction to Parallel Processing
  - Used MPI and OpenMP in C to write parallel programs.
- CSC 472 Intro to Database Systems
- CSC 470 Cybersecurity Competition
- CSC 389 Introduction to Operating Systems
- CSC 376 Computer Organization
- MAT 121 Applied Statistics
- CSC 388 Programming Languages
- CSC 532 Intro to Machine Learning

2008-01-2011-06	**Bachelor of Arts: History (Major)** 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]

Competitions

National Cyber League Spring 2020
· 93rd National Percentile Individual Game
· 98th National Percentile Team Game