

JOSEPH CARMICHAEL

(847) 624-1436 | jcarmichael06@gmail.com | www.josephcarmichael.me

EDUCATION

DePaul University, Chicago, IL

Master of Science, Computer Science, July 2018

Selected Coursework: Applied Algorithms and Structures, Cryptology, Data Structures, Database Programming, Distributed Systems, Object Oriented Programming, Software Testing and QA, Software Architecture, Systems

University of Illinois at Champaign-Urbana, Urbana, IL

Bachelor of Science, Chemistry, December 2013

SKILLS

Programming Languages: (Proficient) Java, Python, C# (Familiar) Ruby, Javascript, HTML, CSS, SQL, Scala

Frameworks and Tools: .NET, Flask, Django, React, Redux, AWS, Bootstrap, Ant, git, RabbitMQ, Rails

EXPERIENCE

Key-Holder/Server

Bangers & Lace, Evanston, IL, September 2015 - Present

- Manage team of front-of-house staff in daily operations of high-volume restaurant. Oversee opening and closing responsibilities, ensuring facilities are effectively maintained and up to code. Track daily financials and keep accurate records. Resolve all escalated customer service issues. Coordinate workflows to ensure restaurant operations meet customer expectations.

Laboratory Analyst

Bureau Veritas, Lake Zurich, IL, March 2014 - September 2015

- Performed GC, HPLC and other wet chemistry techniques on air samples. Monitored performance of equipment and conducted routine maintenance to ensure quality of measurements. Assisted in designing and implementing new database system for roll out at multiple laboratory locations. Trained employees on system functions. Performed minor repairs to software programs and wireless networks to maintain efficacy of existing laboratory procedures. Utilized Laboratory Information Management System (LIMS), MS Excel and MS Access to organize and analyze data findings.

PROJECTS

Beer Raffle Program

Link: <https://github.com/jcarmichael06/Mendhi-Raffle>

- Project for More Brewing Company in Villa Park, IL. The python application processes thousands of raffle entries, removes duplicates, flags suspicious entries for review and returns a spreadsheet of winners with contact information.

Professional Website

Link: www.josephcarmichael.me | github.com/jcarmichael06/josephcarmichael.me

- Created using the Flask framework, HTML and CSS, hosted via AWS.

Additional Projects

Link: github.com/jcarmichael06