MICHAEL LEON

Software Engineer

PERSONAL INFO

Phone
847-313-8536

Email
mal7@illinois.edu

SKILLS

Proficient	Familiar
• Ruby	• C++
• Go	• Python
• C	• Haskell
• Java	• HTML, CSS
• JavaScript	• SQL
	• Assembly

COURSEWORK

- Discrete Structures
- Programming Studio
- Data Structures
- Computer Architecture
- Systems Programming
- Algorithms & Models of Computation
- Artificial Intelligence

LINKS

Website
micleo2.github.io

Github
github.com/micleo2

Stackoverflow
https://stackoverflow.com/users/4967929/michael

JOB EXPERIENCES

Software Engineering Intern | Facebook
Sept 2019 — November 2019 | Seattle, WA

- Explored developer activity across all of Facebook's codebases
- Used SQL to create authoritative tables on file changes made to our codebases
- Then used Javascript's d3.js to create visualizations to gain insight into this data

Software Engineering Intern | Vail Systems, Inc.
May 2019 — Aug 2019 | Chicago, IL

- Created a framework to facilitate the creation of interactive voice response (IVR) applications; integrates with microservices over Kafka
- Developed in Golang with a strong emphasis on testing, and using Docker to standardize builds.

Software Engineering Intern | Capital One
May 2018 — Aug 2018 | Urbana, IL

- Worked according to AGILE methodology to create an internal web tool for directors or above to manage their resources
- Built using MVC development with Ruby on Rails, PostgreSQL for the data backend, and AWS for deploying.

Software Developer | Hack4Impact
Aug 2018 — Present | Champagin, IL

- Develop software that meets important humanitarian needs.
- Built web application to encourage reading in youth for nonprofit Philadelphia READS
- Created mobile app for Cut to the Case that displays safety information, such as emergency phone booths, on the UIUC campus

EDUCATION

Expected May 2021	**University of Illinois at Urbana-Champaign** Bachelor of Science in Computer Science Earning minor in Psychology