

MICHAEL LEON

Software Engineer

PERSONAL INFO

Phone

847-313-8536

Email

mal7@illinois.edu

SKILLS

Proficient

- Ruby
- Go
- C
- Java
- JavaScript

Familiar

- C++
- Python
- Haskell
- HTML, CSS
- 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 | Capital One *May 2018 — Aug 2018 | Urbana, IL*

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

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 seamlessly with other microservices through Kafka
- Developed in Golang with a strong emphasis on testing, and using Docker to standardize builds.

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

- We collaborate with nonprofits and other socially responsible organizations to develop software that meets important social and humanitarian needs
- Built web application to encourage reading in youth for nonprofit Philadelphia READS
- Worked on mobile app for Cut to the Case that displays safety information, such as recent crimes or 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