

# CHARLES SWARTS

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## EDUCATION

**University of Illinois Urbana Champaign**, B.S. COMPUTER SCIENCE

AUG 2015-MAY 2018, GPA: 3.37

**University of Chicago**, M.S. COMPUTER SCIENCE

AUG 2018-JAN 2021, GPA: 3.37

**University of Illinois Urbana Champaign**, M.B.A.

AUG 2021-MAY 2025, GPA: ---

## EXPERIENCE

### iManage

SENIOR SOFTWARE ENGINEER **APR 2021 – PRESENT**

SOFTWARE ENGINEER **MAR 2019 – APR 2021**

Triaged and fixed incoming bug reports. Implemented pre-designed features and designed and implemented ReST API endpoints. Stabilized the staging environment gateway verification job for faster lead time with CI/CD. Designed client testing architecture and coordinated between teams to ensure compatibility between the frontends and the backend. Contributed to coding standards. Onboarded new members and handled queries from other teams.

Stack: Java (Guice, AoP), Docker, Python, Jenkins, OpenAPI, Kubernetes, SQL, ELK

### Ocient

SOFTWARE ENGINEER **MAY 2018 – JAN 2019**

Learned OOP, build systems, toolchains, review processes, version control, how to use an IDE, agile, how to build a server from computer components. Created a setup wizard for the product. Packaged the toolchain into an image to ease onboarding.

Stack: C++, Packer, GNU Make, Linux, Git

### Aeris Communications

DEVOPS INTERN **JUNE 2017 – AUG 2017**

Created a CI/CD pipeline from scratch as a proof of concept to show a legacy application could be dockerized. Worked on a security/legal audit to assess the vulnerability of the product to hackers and lawyers (over licensing issues).

Stack: BASH, AWS, Docker, Ansible, Terraform, Jenkins

## SKILLS

- Good attitude
- Autodidact
- Good theoretical foundation
- Creates things that work