

# Andreas Marsh

Software Engineer

## SUMMARY

Software engineer with hands-on experience in application development and user experience design. Proficient in Java, Golang, C++, Python, Swift, and design applications Figma and Adobe XD.

At NCR Voyix, contributed as a software engineer specializing in next-generation self-checkout solutions. Developed core functionalities using Java with the Spring Framework and Golang, and implemented Kubernetes for efficient application containerization to improve deployment and scalability. Led headline feature development, enhancing product capabilities and performance, and maintained/upgraded existing codebases.

Previously, led the full-stack implementation of a Cinema E-Booking system using Java, MySQL, Spring, HTML, and Bootstrap within a collaborative, cross-functional team.

Demonstrated leadership, effective communication, and teamwork skills cultivated through diverse experiences, including fostering inclusive environments at summer camps for those with developmental disabilities.

## EXPERIENCE



### NCR Voyix, Atlanta, GA — Software Engineer I

July 2022 - June 2024

- Developed core functionalities using Java with the Spring Framework and Golang for next-generation self-checkout solutions.
- Implemented Kubernetes for efficient application containerization, optimizing deployment and scalability via the use of microservices.
- Led headline feature development to enhance product capabilities and performance.
- Maintained and upgraded existing codebases, ensuring code quality and reliability while meeting project timelines.



### The UGA Career Center, Athens, GA — Freelance iOS Developer

May 2021

- Added mobile event functionality to an in-development Arch Ready iOS app designed to track students' attendance at events towards completion of the Arch Ready Professionalism Certificate
- Worked with Swift UIKit and Google Firebase to create an event-specific PIN system to be used to confirm asynchronous attendance

## EDUCATION / CERTIFICATION



### The University of Georgia, Athens, GA — BS Computer Science

August 2018 - May 2022



### New Media Institute, Athens, GA — New Media Certificate (Dev Track)

August 2020 - May 2022

## CONTACT

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(404) 502-0710

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## GITHUB / WEBSITE

github.com/andreasmarsh

andreasmarsh.com

## SKILLS

Java

Golang

C++

Swift

Python

Kubernetes

Spring Framework

Android Studio

XCode

Figma/Adobe XD

Bootstrap

## HONORS & AWARDS

Honors Program

Member of UGA's Honor Program

August 2018 - 2022

Dean's List

Spring Semester 2020

Charter Scholarship Recipient

Awarded for outstanding achievement in academics to 2% of new students

## LANGUAGES

English (high proficiency)

German (moderate proficiency)