

# Ryan Soedjak

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## Experience

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### NCR Voyix

Software Engineer II

Atlanta, GA

Sep 2023 – Present

- Built a RESTful API backend using NestJS to manage identity and application services, integrating Okta for secure identity management
- Developed and maintained Springboot backend responsible for the organization's core authentication, authorization, and resource provisioning services

### Google

Software Engineer I

Mountain View, CA

May 2022 – Mar 2023

- Developed and maintained internal tools in C++ for Google Search logging
- Led a project to implement automated pre-checks for code changes to Google Search, detecting and preventing logging inconsistencies before deployment, ensuring effective logging
- Participated in on-call rotation to monitor and resolve user issues

### NCR Corporation

Software Engineer I

Atlanta, GA

Jul 2021 – May 2022

- Developed and maintained a microservice-based streaming backend using Kafka and Samza to process and store point-of-sale transactions
- Participated in on-call rotation to troubleshoot and resolve urgent technical issues

### Amazon

AWS Software Development Intern

Remote

May 2020 – Jul 2020

- Created an internal database tool to process and aggregate Cloudfront log data from multiple sources, streamlining debugging and improving on-call efficiency for developers

## Projects

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### CADe

Aug 2020 – Jun 2021

- Developed Android and Windows applications to enhance user input efficiency in CAD software
- Conducted market research through interviews with over 100 engineers, leading to a provisional patent filing
- Achieved honors, including winning the Georgia Tech CreateX Capstone, receiving a \$4,000 grant from Georgia Tech Startup Launch, and advancing to the final round of the InVenture Prize.

## Education

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### Georgia Institute of Technology

B.S. in Computer Science

Atlanta, GA

Aug 2017 – May 2021

- GPA: 4.00/4.00
- Teaching Assistant for MATH 3215: Probability & Statistics
- Studied abroad at HKUST (Hong Kong, 2019) and SUSTech (Shenzhen, 2018)

## Skills

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**Languages and Frameworks:** Java, Springboot, Javascript, Typescript, NestJS, C++, Python, SQL (Postgres), RESTful APIs

**Tools and Software:** Git, Docker, Postman, Kubernetes, Terraform, SonarQube, Google Cloud Platform, Postgres, Redis, Elasticsearch, Jenkins, Github Actions, LaTeX

## Awards

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**InVenture Prize:** Final round, 2021

**William Lowell Putnam Competition:** Top 25%, 2017