

Nicholas Hulston

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EDUCATION

Georgia Institute of Technology

Atlanta, GA

B.S. in Computer Science, GPA 3.87/4.00

Aug 2020 - May 2024

Minor in Mathematics, Accounting Certificate, Threads in Intelligence and Information Internetworks

Relevant Courses: Object Oriented Programming • Data Structures & Algorithms • Computer Organization & Programming • Objects & Design • Computer Systems and Networks • Intro to Artificial Intelligence • Database Systems • Design & Analysis of Algorithms • Machine Learning

SKILLS

Languages: Java, JavaScript, TypeScript, Python, C, Ruby, Dart, Solidity, Lua

Technologies: React.js/Next.js, Ember.js, Node.js, Ruby on Rails, Flutter, React Native, Android, Unity

Other Skills: Rest APIs, SQL, CSS3, HTML5, Git Version Control, Agile/Scrum, Test Driven Development

EXPERIENCE

Block, Inc. (formerly Square)

San Francisco, CA (Remote)

Software Engineering Intern (*Backend*)

May 2022 - August 2022

- Developed a model in Ruby to identify suspicious email/SMS campaigns from Square sellers.
- Compared the model to 20,000+ historical data points to improve accuracy and confidence.
- Increased delivery rates of legitimate Square sellers by reducing spam sent by malicious users.
- Boosted the marketing team's productivity by automating moderation of marketing campaigns.
- Prototyped an update to Cash App that lets users discover coupons for nearby Square stores.

NCR Corporation

Atlanta, GA

Software Engineering Intern (*Mobile*)

May 2021 - Dec 2021

- Developed an IOS/Android app for NCR employees to refer restaurants to NCR point of sale.
- Designed the architecture specification to address user authentication and data privacy.
- Generated 200+ sales leads and escalated 50+ support incidents for existing NCR customers.

PROJECTS

Sorting Algorithm Visualizer

sortingvisual.vercel.app

- Built a React web app for visualizing sorting algorithms using Next.js and Styled Components.
- Includes custom CSS animations for bubble sort, selection sort, heap sort, and quick sort.

NFT Highlights

devpost.com/software/nft-highlights

- Created a multiplatform NFT marketplace with a Chrome extension and IOS/Android app.
- Streamers can mint and sell livestream clips as NFTs, boosting the revenue of content creators.
- Built on the Stellar blockchain using React (JavaScript), Flutter (Dart), and Flask (Python).

Grocery Grab (1st Place at Gatech's HackGT 7)

devpost.com/software/grocery-grab

- Reduce COVID spread and increase efficiency of stores by developing a retail app with virtual shopping lists, pathfinding (map or an augmented reality path), and contactless checkout.
- Built a full-stack mobile app with Android Studio, ARCore, Firebase, and various NCR APIs.

AWARDS

1st Place in HackGT 7

National Merit Finalist

5-time Hackathon Finalist

Eagle Scout