

NICHOLAS S. COOKE

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U.S. Citizen

OBJECTIVE

Outgoing creative who is strongly interested in iOS and web development. I wish to bring my love of building robust and intuitive iOS apps to a mobile focused team where I can demonstrate my rapidly expanding skillset.

👉 You should *really* check out two of my coolest projects on Github! 🤖 Links below! 100

EDUCATION

GEORGIA INSTITUTE OF TECHNOLOGY, College of Computing
Bachelor of Science in Computer Science
• Concentrating in People & Intelligence

Atlanta, Georgia
May 2021

EXPERIENCE

AMERICAN EXPRESS

Software Engineer

- Developed a redesigned company front-end integration testing process
- Utilized Docker to create a network of containers replicating a production environment
- Built web modules using React to handle user data and database requests

Phoenix, Arizona
May 2019 – August 2019

GT BITS OF GOOD

Web Developer

- Working with *Mentra*, a student startup, to create a new way for people with disabilities to find jobs
- Currently at work building a robust web app for November 2019 launch

Atlanta, Georgia
August 2019 – Present

NCR CORPORATION

Innovation / Software Engineer

- Worked with small team on a special project for the NCR HQ Marché
- Designed and created technical storyboard for new fan experience machine
- Cleaned and implemented dated JavaScript and HTML/CSS code into robust new software package

Atlanta, Georgia
September 2018 – December 2018

★ PROJECTS

Hover: Visualizing Graph Algorithms on iOS 🌐🚁

Check it out: <https://github.com/ncooke3/Hover>

- Implemented graph data structure and A* search algorithm
- Used protocol oriented design for data structure and algorithm reusability
- Visualized shortest path finding on a map view using Apple MapKit
- Features elegant and fun UI with subtle animations

Atlanta, Georgia
September 2019

Puff: A Password Manager 🛡️🔑

Check it out: <https://github.com/ncooke3/PuffPasswordManager>

Available Now: <https://apps.apple.com/app/id1477766476>

- Password managing app for iPhone
- Elegant UI featuring fun animations, interactive gestures, and account name auto-suggest
- Features persistent and secure data storage using User Defaults and iOS Keychain
- Image memory caching with custom account page featuring saved brand color
- Secure access using local authentication that supports FaceID, TouchID, and Passcode for login

Atlanta, Georgia
July 2019 - August 2019

TECHNICAL SKILLS

Programming Languages: Swift, JavaScript, Python, Java

Creative Focus: iOS Experience Engineering, UX, Design

SKILLS/INTERESTS

Skills: Writing (certified README.md expert 🤖), public speaking

Affiliations: Society of Hispanic Professional Engineers

Interests: Fashion, Running, Gardening