

# Carlee Powell

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## EDUCATION

**The University of North Carolina**, Chapel Hill  
*Computer Science and Economics, GPA 3.83*

AUGUST 2016 - MAY 2020

- Graduated with Highest Distinction

## EXPERIENCE

**CapTech Consulting**, Richmond, VA—*Developer Intern*

MAY 2019 – AUGUST 2019

- Delivered a facial recognition solution for a hospitality company using agile workflow
- Developed two iOS-mobile applications for both employees and customers
- Architected a cloud-based relational database using AWS RDS
- Used TypeScript and Serverless to create RESTful API in AWS

**The Preiss Company**, Raleigh, NC—*Operations Intern*

JANUARY 2019 – APRIL 2019

- Audited leases of 50+ properties to determine discrepancies across 3 databases
- Created and analyzed Excel spreadsheets to determine potential profitability of student housing properties

## PROJECTS

**Block X – Accessible Block Coding App with Sphero Robot**

JANUARY 2020 – MAY 2020

iPad app (requested by client) allowing visually impaired students to learn basic concepts of programming by moving a gyroscopic Sphero robot through a customizable maze.

- Developed back-end with Apple's Core Bluetooth library with iPad and Sphero SPRK+ hardware
- Designed front-end using Swift (SwiftUI) for a drag-and-drop user interface in XCode IDE
- Complied with accessibility standards using iOS VoiceOver, auditory feedback, and accessibility features

**BuddyUp – Group Savings Web App**

AUGUST 2019 – DECEMBER 2019

Website intended for groups of friends to contribute to and save up for trips and parties collectively.

- Integrated the Stripe API for payments, and created a RESTful Express API to store user data
- Designed front-end using JavaScript with jQuery and Bulma CSS library

## LEADERSHIP AND COMMUNITY INVOLVEMENT

**UNC Psalm 100 A Cappella** — *Treasurer*

AUGUST 2016 – MAY 2020

- Successfully managed \$10,000 album payments and strategically priced tickets to increase revenue by 30%
- Learned and performed 12 songs each semester for crowds of 250+ people

**International Missions Board**, Johannesburg, South Africa —*Church Planting Intern*

JANUARY 2018 - JUNE 2018

- Reached a diverse local population to promote the establishment and growth of a new church
- Successfully promoted (via social media) and executed events attended by 300+ people