LinkedIn: chrispperkins
GitHub: Chris-Perkins

www.chrisperkins.me
chris@chrisperkins.me

CHRIS P. PERKINS

EMPLOYMENT

Microsoft, *Software Engineer* — Spring 2019 - Present
Team: SharePoint Distributed Systems
- Created a system that reliably replaces 2% of the global SharePoint fleet each day with no incidents
- Reduced VM replacement time by 45% by increasing reliability and speed of core redeployment jobs
- Created a system that finds and repairs 300+ off-network VMs per month, reducing security incidents

Siemens, *Mobile Application Engineer, Intern* — Spring 2017 – Spring 2018, Fall 2018 – Spring 2019
- Developer and maintainer of 18 mobile applications
- Created an iOS AR application for the marketing of a Siemens branded engine using ARKit
- Enhanced security for a production-serving application by implementing SSL Pinning for iOS
- Created an employee retention tool powered by ML which won the global Siemens hackathon

Amazon, *Software Development Engineer Intern* — Summer 2018
Team: AWS S3
- Designed and developed a unit-tested system to automate the process of evaluating access ratio thresholds where objects should be moved between different S3 storage classes to optimize customer savings
  - The system found a threshold where savings totaled over $100,000,000 for 10,000 customers over 100 days
  - Created a peer-reviewed design specification which documents architecture of the system

Lockheed Martin, *College Student Technician* — Summer 2016
- Located and/or fixed over 20 vulnerabilities in the JASSM Cruise Missile path-planning software
- Held interim security clearance

TECHNICAL EXPERIENCE

Projects
- **Mr. Love Potion**: A VR adventure game in independent development. Created static and dynamic pose recognition systems for more fluid conversational dialogue in the VR medium. Created a system for stereoscopic mirror and non-euclidean space rendering. Created a node-based branching event creation tool for rapid development of event-based interactions.
- **Pocket Change**: Enact change using the phone in your pocket. Pocket Change is an iOS app that shows bills on the house floor and provides summaries, keywords, and classifications of bills using natural language processing. 2nd place out of 76 teams in KnightHacks 2019.
- **Lifting Buddy:** A previously published iOS application with over 10,000 unique downloads. This application allows the user to customize exercises and track progress using "progression trackers".

EDUCATION

University of South Florida, *Tampa, FL* — Fall 2019 – Spring 2022
- Master's in Business Administration. Expected May 2022.

University of Central Florida, *Orlando, FL* — Fall 2015 – Spring 2019
- B.S. in Computer Science, May 2019. Graduated with Honors. Cum Laude.

Languages and Technologies
- Objective-C, Swift, C#, Java, Kotlin, Python, PowerShell, JavaScript, HTML, CSS, Golang
- Git, XCode, CocoaPods, Android Studio, Unity, React, Sketch, Photoshop, Illustrator