

# KENNY MCILVAINE

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## EDUCATION

CARNEGIE MELLON UNIVERSITY  
H. John Heinz III College  
Graduated Dec 2017

Master of Information Systems Management  
Honors: Graduated with Higher Honors (GPA: 3.83), Recipient of MISM Scholarship

LONGWOOD UNIVERSITY  
College of Business & Economics  
Graduated Dec 2015

Bachelor of Science in Business Administration  
Honors: Graduated Summa Cum Laude (GPA: 3.89), Recipient of the 2015 Academic Excellence Award (highest GPA in graduating class)

## EXPERIENCE

CYBER SOFTWARE ENGINEER  
& MOBILE DEVELOPER  
Leidos, Reston VA  
September 2019 – Present

Developed cross-platform Flutter application for DOT which included Firebase API, user authentication, data searching and filtering.

Made updates to legacy code for airport security luggage scanners in C++ and Qt to consolidate security and customs checkpoints.

Designed and implemented user interface, navigation, and application functionality for contest-winning Android prototype that improved fueling times for Varec supply trucks.

Contributed in development of federal government classified low-level Android source code using C++. Also, primary developer updating existing testing framework to work with classified low-level Android source code using Python.

Contributed to cross-platform React Native application. Designing and developing several reusable view classes. Application designed to work with award-winning proprietary framework API, displaying ambiguous data using these and other views.

MOBILE APP DEVELOPER  
Sole Proprietor, Culpeper VA  
December 2017 – Present

Developed 3 iOS and Android apps (examples at kennethmcilvaine.github.io):

Lyric Notepad – Published Native iOS and Android songwriting applications with over 1 million downloads using Java and Swift on Android Studio and XCode.

Daily Good Deeds – Developed cross platform React Native application to promote altruism by rewarding users with in-app feats and social involvement.

Greenfile – Published iOS eco-friendly application by creating a UI where new paperless forms can easily be designed, shared, and filled out by users.

CARNEGIE MELLON UNIVERSITY  
Project Manager, Pittsburgh  
August – December 2017

Managed CMU Heinz capstone project team with four total members which developed Android application to facilitate BNY Mellon project tracking .  
Lead front-end and server-side Java development.

## STRENGTHS

### Mobile Development

- React Native, iOS, Android, Flutter

### Front-end Development

- React, HTML, CSS, Javascript

### Top Secret Security Clearance

### Meta Front-End Developer Certification