

Dennis McDaid

Email: dmcdaid95@gmail.com

GitHub: dns-mcdaid

Phone: +1 (845) 849-5942

EXPERIENCE

Two Bulls, Melbourne, VIC — Senior Software Engineer

November 2018 - Present

Rearchitected a legacy Android application by introducing Navigation, Paging, and LiveData Jetpack Components, providing greater maintainability in a third as much code.

Led the foray into cross platform development by championing the technology on leaner projects, proving the business case for Flutter while cutting the forecasted development time in half.

Developed an immersive educational experience with ARKit 3 technologies such as Body Tracking and People Occlusion, featured on stage at Apple's iPhone 11 announcement.

Used agile methodology to forge a system integration strategy between our mobile team and a third party hardware provider, mitigating risk and delivering testable builds months in advance.

Two Bulls, Brooklyn, NY — Software Engineer

October 2016 - October 2018

Modeled a dynamic permissions scheme by leveraging the flexibility of DynamoDB and Auth0 user roles, securing CMS access without stifling performance.

Paired with designers to develop accessibility features for a digital kiosk by using Android Switch Access and TalkBack, bringing a non-traditional user experience up to WCAG standards.

New York University, New York, NY — Backend Engineer

April 2015 - May 2016

Reduced database hits by 85% by optimizing queries and caching results, tripling the speed of page load times.

Designed a full stack web application with a REST API and MVC frontend, digitizing a tedious paper process for over 12,000 students.

EDUCATION

New York University

Class of 2016

Bachelor's Degree,
Software Development

PROGRAMMING LANGUAGES

Kotlin (Proficient)

Swift (Frequent Use)

Python (Frequent Use)

Java (Some Experience)

Javascript (Some Experience)

TOOLS & RESOURCES

Reactive Programming
(RxJava/RxSwift/etc.)

Native Mobile Development
(Android/iOS)

Flutter

AWS Infrastructure

Version Control (Git)

WORKING STATUS



Native Citizen



Irish Citizen



482 Visa Resident