

# Collin Dreher

## Software Engineer

Full-stack software engineer successful with object-oriented programming languages, responsive web development, .NET framework, and Git source control. Experienced with mobile application development (both native & cross-platform), Unity game design, Microsoft Azure, and database systems.

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🐙 github.com/cdreher

## WORK EXPERIENCE

### Associate Developer Computer Enterprises, Inc.

06/2019 – Present

Pittsburgh, PA

#### Achievements/Tasks

- Design and develop custom application solutions for clients using Agile methodology, Git source control, Microsoft Azure, and full-stack programming frameworks.
- Develop internal software that make everyday practices simpler for the MIS and Accounting teams, using primarily Powershell scripting and SQL Server.

### Co-Founder & Chief Technology Officer Atsap, LLC

06/2017 – Present

Pittsburgh, PA

#### Achievements/Tasks

- Direct the development of all custom consulting services tailored specifically to each client's needs, resulting in \$60,000+ in revenue to date.
- Manage a team of 5 developers & designers while continuing client relationships on a daily basis, allowing for streamlined success.
- Consistently integrating the newest technologies and services into the company's everyday operations and architecture.
- Build a cutting-edge educational platform that allows high school & middle school students to grow as programmers through in-person and online workshops.
- Design and develop innovative internal applications to enhance the company's portfolio and increase additional revenue.

### Solutions Intern Computer Enterprises, Inc.

05/2018 – 08/2018

Pittsburgh, PA

#### Achievements/Tasks

- Worked on a team of three developers that built software considered to be the best cloud-based speech recognition solution, used seamlessly by over 200 EHRs and physicians all around the country.
- Independently learned Angular 4 framework and developed several web applications, hosted on Microsoft Azure.

## SKILLS

C#

HTML

CSS

.NET

Java

Javascript

Bootstrap

Angular

SQL

Firebase

Microsoft Azure

React Native

Unity

Xamarin

Git

Visual Studio

Mac & Windows OS

## PERSONAL PROJECTS

### The IDC App (2019 – Present)

- An iOS and Android mobile application that provides its users an easy and interactive way to choose where to eat.
- Developed with React Native and Expo, and implements Yelp Fusion API.

### Squeeze! (2018 – Present)

- An iOS and Android mobile game in which the objective of the game is simple, the user tries to make each piece fit without hitting the side barriers.
- Developed in Unity and designed in Sketch for Mac.

### Pima: People, Places, Parties In My Area (2017)

- Pima is an iOS mobile application that bridges the social gaps within our global communities by notifying one another of what is going on in their nearby area.
- Developed using Swift, Xcode, Firebase Realtime Database, and GPS location services.

### Panther Planner (2017)

- An iOS prototype application developed for the Pitt App Challenge that allows students to easily search and enroll in courses.

## EDUCATION

### Bachelor of Science, Computer Science University of Pittsburgh

08/2015 – 04/2019

Pittsburgh, PA

#### Courses

- Object-Oriented Programming
- Software Engineering
- Web Design & Development
- Algorithm Implementation