

# Ethan Joseph D'Souza

## Software Developer

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### PROJECTS

#### **Personal Website //** Node.js, Express, Handlebars, HTML, CSS

My personal website hosted on Heroku, which serves as an online portfolio and shows updated information on my career/experience/projects.

#### **GetPet //** Android Studio, Java, Firebase, Google AR

An Android application that was built to streamline the pet adoption process. One of the major features is that it allows the users to interact with available pets in their homes via AR.

#### **pinAmeal //** Ionic Framework, Javascript, HTML, CSS

Mobile Application that encourages users to donate meals to various participating restaurants by gamifying the action and displaying scores/leaderboards. Developed during AngelHack 2018 but not officially deployed.

#### **Student Sign //** Android Studio, Java

Android Application that utilized a blockchain system to create a petition application for students to communicate with the faculty to open enrolment opportunities.

#### **Sudoku Solver //** Python

A python based program that takes an unsolved sudoku puzzle as the input and returns the completed puzzle. Utilizes a backtracking algorithm.

### EXPERIENCE

#### **Hoop Mountain Dubai //** Dubai, UAE — *Site Supervisor & Digital Media creator* OCTOBER 2020 - JUNE 2021

Created digital media content such as graphics and animations for the company and the podcast hosted by the Head Coaches.

#### **Camp202020 //** Dubai, UAE — *General Operations* AUGUST 2020

Assisted operations of the first online summer camp in Dubai, hosted virtual meetings and implemented plans/schedules throughout the weeks.

#### **Dubai Sports Academies Online Forum //** Dubai, UAE — *General Operations* JUNE 2020

Assisted operations of the online sports summit including online broadcasting and coordinating multiple virtual rooms, along with training virtual hosts.

#### **AngelHack 2018 //** Dubai, UAE — *Participant* AUGUST 2018

Secured the Code4Impact prize for developing the pinAmeal application.

### SKILLS

#### **Languages**

C++, Python, Javascript, HTML, CSS, Java, PHP, SQL

#### **Frameworks**

Node.js, Express, Handlebars, Ionic

#### **Tools & Platforms**

Android Studio, Git, Heroku, Firebase, Adobe XD

#### **Design**

Premiere Pro, After Effects, Illustrator, Photoshop

#### **Other**

Autodesk Maya, Unity, Unreal Engine

### EDUCATION

#### **UOWD**

**2016-2020 | Dubai, UAE**

Bachelor of Computer Science,  
Multimedia and Game Development

#### **Simon Fraser University**

**2015-2016 | Vancouver, Canada**

Bachelor of Computer Engineering

#### **The Winchester School**

**2012 - 2015 | Dubai, UAE**

Secondary Education

### INTERESTS

Hiking, Off-Roading, Camping,  
Swimming, Music, Travelling, Basketball