

# Peter McAughan

## Personal Info

### Address

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### Phone

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### Date of birth

15/09/1995

### Website

www.petermcaughan.com

### LinkedIn

https://www.linkedin.com/in/peter-mcaughan-809936107

## Skills

Object-Oriented Programming

Database Back-end

Secure Software Design

Mobile Application Development

Agile Development

## Languages

C++

Python

Java

PHP

JavaScript

## Interests

Cybersecurity

Algorithm Design and Analysis

User Interaction

Full-Stack Development

Artificial Intelligence

## Education

08/2018 - 05/2020 **Georgia Institute of Technology**  
MS in Computer Science

08/2014 - 05/2018 **Texas A&M University**  
BS: Computer Engineering  
Minors: Cybersecurity, Math  
GPA: 3.5

## Experience

05/2017 - 08/2017 **Software Engineer Intern**  
*Detection Technologies*

- Developed Android application for data analytics platform for natural gas fields
- Managed efficient consolidation of SQL databases of two newly merged companies
- Researched and compiled plan to incorporate machine learning with company data

10/2016 - 01/2018 **IT Consultant**  
*Texas A&M University*

- Research, create, and implement network security policies for the Texas A&M Chemistry Department
- Use VMware to test security concerns and compatibility of software across OS's
- Use problem-solving skills to solve various requests daily from faculty

## Projects

### Brailer: Braille Printer

- Designed and created a blind-friendly printer so users can produce Braille print from voice recognition
- Modified and optimized a CNC machine and Raspberry Pi to create a hardware controller and user-friendly software
- Utilized speech recognition and image/text processing to allow for wide input functionality

### MyMuseum: Content Sharing Site

- Imagined, designed, and created site that allows users to upload media, customize a webpage, and share with friends
- Utilized AWS, mySQL databases, and PHP to securely store user data
- Designed user-friendly front-end with jQuery, JavaScript, and CSS