



# Colby Saxton

Case Western Reserve University  
Undergraduate Student



## Summary

I am interested in offering my skills in engineering Emerging Technology Software and learn any new languages, frameworks or APIs to perform any role necessary.



## Experience

2019-05 -  
2019-08

### Emerging Technology Software Development Engineer Intern

Eaton Corporation

- Lead Researcher and Developer of Proof of Concept Augmented Reality Mobile Application using Unity, C#, EasyAR and mySQL
- Researcher and Developer in 3-person team for Ethereum web-based dashboard using Solidity, Javascript, node.js, Typescript/Angular 5x/Web3, Ganache and Metamask
- Active Participant in Eaton's Pride LGBTQ+ Resource Group and attended Cleveland Pride March as well as inclusiveness discussions

2017-09 -  
2018-09

### Smart Infrastructure Lab Researcher

Case Western Reserve University Civil Engineering and Computer Science Department

- Conducted research project to create a robot which flows through a water pipeline and detects leaks
  - Designed structure of robot and necessary mounted sensors and constructed waterproof model of robot
  - Designed fish-eye correction program to work in conjuncture with mounted camera using Matlab



## Projects

- Designed a social life searching mobile app at CWRUHackathon 2019
- Developed an IoT Lamp with a Touchscreen, Web app, mobile app and Facial Recognition Login
- Developed a Unity based Infinite Runner 2D game



## Additional Activities

2019-04 -  
present

### CWRU International Studies Honor Society

President

2018-03 -  
present

### CWRU Campus Tour Guide

2017-03 -  
2018-03

### CWRU Model United Nations

Head Delegate

2015-09 -  
present

### Emerging Leaders Program



## Personal Info

### Address

44 Brookside Road, Millstone  
Township  
New Jersey, 08510

### Phone

7324920779

### E-mail

cas264@case.edu

### Date of birth

1997-04-14

### WWW

<https://colbysaxton.github.io>

### LinkedIn

<https://www.linkedin.com/in/colby-saxton-869802b9/>



## Education

2015-08 - 2020-05

### Case Western Reserve University

- Pursuing:
  - B.S. in Computer Science
  - B.A. in International Studies
  - Minor in Chinese
- University Scholarship Recipient
- 3.53/4 GPA



## Skills

### Coding Languages :

Java | Python | C# | C | JavaScript |  
SQL | Solidity | Typescript

### Programs :

AutoCAD | Solidworks | Unity |  
Ganache

### Development Environments :

Windows | Linux | MacOS | AWS EC2

### Frameworks/Packages :

uWSGI/Django | Nginx | MQTT |  
JSON | Node.js | Angular | Sockets |  
HTTP | Kivy | Ansible | openCV |  
SQLite | easyAR | Pi-Face-  
Recognition | Metamask

### Interpersonal Skills :

Communication | Technical Writing |  
Public Speaking