



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 Applications 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

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Township
New Jersey, 08510

Phone

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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

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