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, HTML/CSS/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 waterpipeline and detects leaks• Designed structure of robot and necessary mounted sensors andconstructed waterproof model of robot• Designed fish-eye correction program to work in conjuncture withmounted 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 | HTML/CSS | JavaScript | SQL | Solidity | Typescript

Programs :
Git | 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