

EDUCATION

- **University of Glasgow** Glasgow, UK
BSc in Computing Science (Faster Route) - 2nd year *Sep. 2022 – Present*
- **International School Aberdeen** Aberdeen, UK
International Baccalaureate DP; 39 Points; Comp Sci HL: 7, Maths AAHL: 7, Physics HL: 6 *Aug. 2020 – May. 2022*

EXPERIENCE

- **International School Aberdeen** Aberdeen, UK
Junior Programmer & IT Support *Feb 2019 - Present*
 - **Java & Google API:** I worked on creating custom back-end Java code to be run on the production Oracle DB Server, that worked using custom exports to upload files to shared drives in Google Enterprise.
 - **Google Apps Script & Cloud Functions:** Google Cloud Functions were used to automate many tasks for departments around the school. Such tasks included, automating the admissions process for collating student documents and medical information into one uniform database table linked to files stored in the enterprise drive.
 - **General IT Support:** I was heavily involved in maintaining systems and networks. Hardware and software updates for servers, maintaining and helping staff use the schools information systems. I was also tasked with new device enrollments and policy updates alongside assigning and giving out devices to new staff and students.

PROJECTS

- **React.js Pomodoro Timer:** Open source study and focus timer written using React.js and makes use of web-workers to run timer operations in the background. Also uses localStorage to save user preferences and state between reloads of the application - pomodoro.finnlestrange.tech
- **Custom PowerSchool SIS Plugins & Database Extensions:** Creation of custom plugins to extend the functionality of the Powerschool School Information System to the additional requirements of the school. I made use of Oracle SQL and Javascript, alongside some graphic design to create user friendly and polished plugins - Source Code: github.com/InternationalSchoolAberdeen/ISAPowerSchoolPlugins
- **Collection of Data Structures & Algorithms in Java:** I spent a few weeks learning and writing implementations of various data structures & algorithms in Java - [71xn/algorithmsDataStructures](https://71xn.github.io/algorithmsDataStructures)

PROGRAMMING SKILLS

- **Languages:** Java, Python, JavaScript, SQL, \LaTeX **Technologies:** React, Flask, Ubuntu Server, AD, Vite