Sean Escreet

Email: sean@escreet.co.uk
Phone: +447866501401
LinkedIn: sean-escreet
GitHub: seany067

IT Skills

Python	I was originally taught python in my second year of high school and have extensively used it ever since in personal and academic environments.
Java	I was taught Java during my first year of university, using it extensively in an academic environment.
JavaScript	Self-taught and successfully used for university project, more specifically to make AJAX calls to an API.
C	I used C during a second-year module at university for coursework projects.
C#+Unity	I taught myself C#, then utilised it to create a Unity game for my A level computer science project.
HTML and CSS	Have made use of these in both academic and personal environments for various webapps.
Flask	Self-trained and then utilised as the web framework for a university project, where my team created an "Employee Appraisal System".
Django	Utilised to create a simple web app attached to a Postgres database for a personal project.
Tkinter	I taught myself python-tkinter to create a personal working project.
Junit	Learnt and made use of during a second-year university module to undertake test driven development.
JavaFX	Used for creating various applications at university for academic and personal needs.
jQuery	Implemented in a university project to allow me to write JavaScript more easily.
Git	I have used git to manage the source code for many of my personal and academic projects.
SVN	Made use of SVN during my university coursework to manage source code.
Postgres	Has been used as the database for many of my personal projects.
Azure	Applied Azure to host a personal Django webapp project, Azure blob storage for static files, and Azure runbooks to receive data from a webhook and update a SQL database.

Achievements and Skills

Test Driven Development
I learnt how to undertake test driven development using JUnit to build Java applications at university.

Communication Skills
I can communicate effectively with others, evidenced by my work helping students with their GCSE's and training new staff to learn the retail environment.

Subject Awards
During my A-Levels I received multiple awards recognising my enthusiasm and apprehension towards computer science

Student Helper
During my A-Levels I assisted GCSE physics students with their work and guided/taught them where necessary

Hackathons
I competed in various hackathons at university where we worked in a team to produce a working application in a set time span. We have currently won first place at two hackathons.

Work Experience

Croudace Homes Software Development Department
Web Application Development

July 2018   Tupwood Lane, Caterham, Surrey

Built a web application using the MVC design pattern in C# and the Entity Framework in a real development environment, to send and receive data to a development SQL database, later push to a live environment and new used within the business.

Foreign Commonwealth Office Services
Observation of a Large Operating Business

July 2018

Worked with many teams to help with their various tasks in the business, witnessing operations as individuals and with other teams.

Kings DIY
Retail

Sept 2016 – Sept 2019   45 Yorktown Road, Sandhurst, Berkshire

Worked as a sales assistant, helping customers with various requests, and provided new employees with the required skill set to successfully interact with customers.

BAE
Procurement

July 2015   Warwick House, Farnborough Aerospace Centre

Manipulated real business data into a business standard presentation, which I later presented to group of employees at the business.
Attended various essential business meetings to witness and understand key decision that are made daily within the business.

Education

Computer Science BSc.

Completed First Year Modules:	
Object Oriented Programming	95%
Software Development	A(80%)
Software Design	A(80%)
Mathematical Structures	95%
Machine Fundamentals	95%
Internet Services	A(80%)
Robotics	93%
Ongoing Second Year Modules:	
Operating Systems	TBC
Software Engineer	TBC
Databases	TBC
Introduction to Information Security	TBC
Team Project	TBC
Algorithm and Complexity	TBC
Introduction to Artificial Intelligence	TBC

Royal Holloway University of London

A-Levels

Computer Science	A*
Mathematics	A
Physics	A

Yateley Sixth form

GCSE's

Mathematics	8/A*
Further Additional Science	A*
Computing	A
Additional Science	A
Science	A
ICT	A
English Literature	6/B
Geography	B
D&T: Resistant Materials	B
English Language	4/C
BTEC Business	Merit

Yateley School