Ehsuns-MBP:~ ehsunmohammedhanif$ openssl s\_client -connect batten.eu.org:443

GET /~igb/cs.html HTTP/1.1

Host: batten.eu.org

CONNECTED(00000005)

depth=2 O = Digital Signature Trust Co., CN = DST Root CA X3

verify return:1

depth=1 C = US, O = Let's Encrypt, CN = Let's Encrypt Authority X3

verify return:1

depth=0 CN = \*.batten.eu.org

verify return:1

---

Certificate chain

0 s:/CN=\*.batten.eu.org

i:/C=US/O=Let's Encrypt/CN=Let's Encrypt Authority X3

1 s:/C=US/O=Let's Encrypt/CN=Let's Encrypt Authority X3

i:/O=Digital Signature Trust Co./CN=DST Root CA X3

---

Server certificate

-----BEGIN CERTIFICATE-----

MIIEnjCCA4agAwIBAgISA6YnojBe5CJFPxZ0LrU0BQw5MA0GCSqGSIb3DQEBCwUA

MEoxCzAJBgNVBAYTAlVTMRYwFAYDVQQKEw1MZXQncyBFbmNyeXB0MSMwIQYDVQQD

ExpMZXQncyBFbmNyeXB0IEF1dGhvcml0eSBYMzAeFw0xOTExMDQxNDIxNDhaFw0y

MDAyMDIxNDIxNDhaMBoxGDAWBgNVBAMMDyouYmF0dGVuLmV1Lm9yZzBZMBMGByqG

SM49AgEGCCqGSM49AwEHA0IABGTfx+f5umilYn8kwGcitKt9eTlEQwh7BugYi1py

+OMk++PPgIxXHUH33PE6Wo88nGhhw/aRhLwt6I55cqVTPlqjggJ3MIICczAOBgNV

HQ8BAf8EBAMCB4AwHQYDVR0lBBYwFAYIKwYBBQUHAwEGCCsGAQUFBwMCMAwGA1Ud

EwEB/wQCMAAwHQYDVR0OBBYEFOeZBZWJn8drGQY2xLyPb5T1pJ74MB8GA1UdIwQY

MBaAFKhKamMEfd265tE5t6ZFZe/zqOyhMG8GCCsGAQUFBwEBBGMwYTAuBggrBgEF

BQcwAYYiaHR0cDovL29jc3AuaW50LXgzLmxldHNlbmNyeXB0Lm9yZzAvBggrBgEF

BQcwAoYjaHR0cDovL2NlcnQuaW50LXgzLmxldHNlbmNyeXB0Lm9yZy8wGgYDVR0R

BBMwEYIPKi5iYXR0ZW4uZXUub3JnMBEGCCsGAQUFBwEYBAUwAwIBBTBMBgNVHSAE

RTBDMAgGBmeBDAECATA3BgsrBgEEAYLfEwEBATAoMCYGCCsGAQUFBwIBFhpodHRw

Oi8vY3BzLmxldHNlbmNyeXB0Lm9yZzCCAQQGCisGAQQB1nkCBAIEgfUEgfIA8AB2

AF6nc/nfVsDntTZIfdBJ4DJ6kZoMhKESEoQYdZaBcUVYAAABbjcCATIAAAQDAEcw

RQIgIWhwA1N+eTOZ5dxaqh89oI5yIl1hJwOMPJghR/9t4a4CIQCK8qSpi/fyQVBC

rNzJ0y5ZosSdyXT0k5DzbWmLw1jHyAB2AAe3XBvlfWj/8bDGHSMVx7rmV3xXlLdq

7rxhOhpp06IcAAABbjcCAVoAAAQDAEcwRQIgBTieNB7aeLGWAMoS6UBYkecHjErC

bl1M1o6Iu/F+29UCIQCI8OK0BjeRrnmGHuu1YS3xkjC6aBRrUyLbGwV924eYdDAN

BgkqhkiG9w0BAQsFAAOCAQEAO7qWDUy02LY/tNCgDmAezZnPMY5wXnFPhylMuAzl

tpqBJyLb9qClA40Mjfnw0RDnmbdS75APtZxXLXQcv2DWoilq6G5A0phjlzAGrQq2

g6JjsmGWm+ML+Atj+Fm/HhRLTOsg4sqDTQNiLSjmaoMJihXzeR0tqPk4gukY7pNr

jNyHGMDPZ5W1VxB/ic4//KMoLuZq1/EEwYAymJFlRkEQEUqhePzFyXIoFISx60KM

c7VvX9jOqqJWANbWryd6ifsjaJiyVf2Xj/uvIFdZ7b3V8qWOCYDSrHxHNrzjUe/i

te74CPU8EO8Zgk2frLzYENsG72lAZ7PF6G7sgv9oOA65mw==

-----END CERTIFICATE-----

subject=/CN=\*.batten.eu.org

issuer=/C=US/O=Let's Encrypt/CN=Let's Encrypt Authority X3

---

No client certificate CA names sent

Server Temp Key: ECDH, X25519, 253 bits

---

SSL handshake has read 2652 bytes and written 289 bytes

---

New, TLSv1/SSLv3, Cipher is ECDHE-ECDSA-AES128-GCM-SHA256

Server public key is 256 bit

Secure Renegotiation IS supported

Compression: NONE

Expansion: NONE

No ALPN negotiated

SSL-Session:

Protocol : TLSv1.2

Cipher : ECDHE-ECDSA-AES128-GCM-SHA256

Session-ID: 97F40F59B93B5C50F262EC8DB0F62DFED9B9B7A26E5F17315F8B785FC94E9D3C

Session-ID-ctx:

Master-Key: 67009CE8B5D4B16350A1BB67CAAF20293EDC5A8CD92889EEF9514CB0AB289D6A8FA34139C87975BACE2305F41FB427AB

Start Time: 1573681384

Timeout : 7200 (sec)

Verify return code: 0 (ok)

---

HTTP/1.1 200 OK

Server: nginx

Date: Wed, 13 Nov 2019 21:43:04 GMT

Content-Type: text/html

Content-Length: 2696

Last-Modified: Fri, 13 Sep 2019 11:04:14 GMT

Connection: keep-alive

ETag: "5d7b77ae-a88"

Expires: Fri, 13 Sep 2019 11:34:14 GMT

Cache-Control: no-cache

Content-Security-Policy: report-uri https://batten.report-uri.com/r/d/csp/enforce; upgrade-insecure-requests; default-src 'self'; plugin-types application/pdf; frame-ancestors 'self' ; img-src 'self' https:; style-src 'self' https://www.batten.eu.org; font-src 'self' data:

Strict-Transport-Security: max-age=31536000; includeSubDomains; preload

Expect-CT: enforce,max-age=31536000,report-uri=https://batten.report-uri.com/r/d/ct/enforce;

X-XSS-Protection: 1; mode=block; report=https://batten.report-uri.com/r/d/xss/enforce

X-Frame-Options: SAMEORIGIN

X-Content-Type-Options: nosniff

Referrer-Policy: no-referrer-when-downgrade

Accept-Ranges: bytes

<html>

<head>

<base href="https://www.batten.eu.org/~igb/">

<link rel="stylesheet" type="text/css" href="https://www.batten.eu.org/batten.css">

<link rel="stylesheet" type="text/css" href="https://www.batten.eu.org/~igb/index-style.css">

<title>Dr Ian Batten</title>

</head>

<body>

<h1>Dr Ian Batten</h1>

<p id=floatleft>

<img src="bitmoji\_of\_me.png" alt="Bitmoji of me by my daughter"

title="Bitmoji of me by my daughter" height="200px">

</p>

<p>

I gave a quick tour of why we use Unix in the school to new MSc students

for 2019-20. <a href="UnixPresentation2.pdf">The slides are here</a>

<p>In Autumn 2019 I am teaching the following courses; the links take

you to the associated Canvas pages for 18-19 which I will update shortly.

<ul>

<li> <a href="https://canvas.bham.ac.uk/courses/31188" target="\_blank">Networking</a>

<li> <a href="https://canvas.bham.ac.uk/courses/31212" target="\_blank">Secure Systems Management</a>

</ul>

<p>In Spring 2020 I am teaching

<ul>

<li> <a href="https://canvas.bham.ac.uk/courses/31189"

target="\_blank">Network Security</a>

</ul>

<p>

Much of this is part of

the <a href="http://www.birmingham.ac.uk/postgraduate/courses/taught/computer-science/cyber-security.aspx">MSc

in Cyber Security</a>, which has a GCHQ accreditation.

<p>

I took over in 2017-18 as the director of this course. The slides

I used for the welcome week presentation

are <a href="WelcomeWeekCyberSec.pdf" target="\_blank">also available</a>.

<p>

I am also director for

the <a href="https://www.cs.bham.ac.uk/admissions/undergraduate/year-in-computer-science">Year

in Computer Science</a> programme. The slides I used for welcome

week are <a href="WelcomeWeekICY.pdf" target="\_blank">here</a>. If you are

interested in studying computer science for a year as part of your

degree at Birmingham, please get in touch.

<p>

<p><a href="Calendar.pdf" target="\_blank">Here is a copy of my teaching and office timetable</a>.

My office hours are currently (autumn 2019) 1100-1200 on Wednesdays and

1400-1500 on Wednesday.

<p>

I am

available for project students between 1400 and 1600 on Tuesdays and 1500 and 1700 on Thursday for

drop-ins, and on Mondays and Fridays by appointment.

<p>You can contact me by <a href="mailto:I.G.Batten@bham.ac.uk"

target="\_blank">email</a>, by telephone on +44 (0) 121 414 9195, or in

Room 132 in

the <a href="http://www.birmingham.ac.uk/Documents/university/edgbaston-campus-map.pdf"

target="\_blank">Computer Science building (Y9) on the Edgbaston

campus</a>.

<p>

I am interested in supervising undergraduate and MSc projects in the

areas of security, networking, random number generation and IPv6.

</html>