

```
Ehsuns-MBP:~ ehsunmohammedhanif$ openssl s_client -connect batten.eu.org:443
GET /~igb/index.html HTTP/1.1
Host:www.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
MEoxCzAJBgNVBAYTAIVTMRYwFAYDVQQKEw1MZXXQncyBFbmNyeXB0MSMwIQYDVQQD
ExpMZXXQncyBFbmNyeXB0IEF1dGhvcml0eSBYmzAeFw0xOTExMDQxNDIxNDhaFw0y
MDAyMDIxNDIxNDhaMBoxGDAWBgNVBAMMDyouYmF0dGVuLmV1Lm9yZzBZMBMGByqG
SM49AgEGCCqGSM49AwEHA0IABGTfx+f5umilYn8kwGcitKt9eTIEQwh7BugYi1py
+OMk++PPglxXHUH33PE6Wo88nGhhw/aRhLwt6I55cqVTPlqjggJ3MIICczAOBgNV
HQ8BAf8EBAMCB4AwHQYDVR0IBBYwFAYIKwYBBQUHAWEGCCsGAQUFBwMCMAwGA1U
d
EwEB/wQCMAAwHQYDVR0OBBYEFOeZBZWJn8drGQY2xLyPb5T1pJ74MB8GA1UdIwQY
MBaAFKKhKamMEfd265tE5t6ZFZe/zqOyhMG8GCCsGAQUFBwEBBGMwYTAuBggrBgEF
BQcwAYYYiaHR0cDovL29jc3AuaW50LXgzLmxldHNlbnNyeXB0Lm9yZzAvBggrBgEF
BQcwAoYjaHR0cDovL2NlcnQuaW50LXgzLmxldHNlbnNyeXB0Lm9yZy8wGgYDVR0R
BBMwEYIPKi5iYXR0ZW4uZXUub3JnMBEGCCsGAQUFBwEYBAUwAwIBBTBMBgNVHSAE
RTBDMAGBmeBDAECATA3BgsrBgEEAYLfEwEBATAoMCYGCCsGAQUFBwIBFhpodHRw
Oi8vY3BzLmxldHNlbnNyeXB0Lm9yZzCCAQQGCisGAQQB1nkCBAIEgfUEgfIA8AB2
AF6nc/nfVsDntTZIfdBJ4DJ6kZoMhKESEoQYdZaBcUVYAAABbjcCATIAAAQDAEcw
RQlgIWWhwA1N+eTOZ5dxaqh89oI5yIl1hJwOMPJghR/9t4a4CIQCK8qSpi/fyQVBC
rNzJ0y5ZosSdyXT0k5DzbWmLw1jHyAB2AAe3XBvlfWj/8bDGHSMVx7rmV3xXILdq
```

7rxhOhpp06lcAAABbjcCAVoAAAQDAEcwRQIgBTieNB7aeLGWAMoS6UBYkeCHjErC
bl1M1o6lu/F+29UCIQCI8OK0BjeRnmGHuu1YS3xkjC6aBRrUyLbGwV924eYdDAN
BgkqhkiG9w0BAQsFAAOCAQEAO7qWDUy02LY/tNCgDmAezZnPMY5wXnFPhylMuAzl
tpqBJyLb9qCIA40Mjfnw0RDnmbdS75APtZxXLXQcv2DWoilq6G5A0phjlzAGrQq2
g6JsmGWm+ML+Atj+Fm/HhRLTOsg4sqDTQNiLSjmaoMJihXzeR0tqPk4gukY7pNr
jNyHGMDPZ5W1VxB/ic4//KMoLuZq1/EEwYAymJFIRkEQEUqhePzFyXloFISx60KM
c7VvX9jOqqJWANbWryd6ifsjaJiyVf2Xj/uvIFdZ7b3V8qWOCYDSrHxHNrzjUe/i
te74CPU8EO8Zgk2frLzYENsG72IAZ7PF6G7sgv9oOA65mw==

-----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:

EAAD86AC28A8B430DAFFCDDDB92705C7C598917EA4F1EEC1277384EA8C5A8E87B

Session-ID-ctx:

Master-Key:

3E63E014A08AD03C23E059F93AB9F939176FB671D29DAC7CA8C1ECF047722AF2D9305A
0F7C5A6F2621EB654BBFCC9282

Start Time: 1573681035

Timeout : 7200 (sec)

Verify return code: 0 (ok)

HTTP/1.1 200 OK

Server: nginx

Date: Wed, 13 Nov 2019 21:37:15 GMT

Content-Type: text/html

Content-Length: 4429

Last-Modified: Thu, 10 Oct 2019 09:04:54 GMT

Connection: keep-alive

ETag: "5d9ef436-114d"

Expires: Thu, 10 Oct 2019 09:34:54 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>

<p id=floatleft>

<!--

<a href="https://ipv6.he.net/certification/scoresheet.php?pass_name=igb"

target="_blank">

-->

<p>

I am currently a teaching-focused lecturer in
the School of
Computer Science at the <a href="http://www.bham.ac.uk/"
target="_blank">University of
Birmingham.

My main areas of interest
are where computer security and networking meet. You can read more details about
the courses I teach, my hours, my contact details and more here.

<p>My teaching and office calendar is here.

<p>My office hours are currently Wednesdays 1100–1200 and Thursdays
1400–1500.

<p>

Contrary to what you might think from my dapper appearance, I
am not a fashion designer. That other Ian Batten
is here, although the last time
I drove past his shop he appeared to have retired and the website has
not been updated in some years.

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<p>

I spoke at a cyber-security event organised by the London
Digital
Security Centre in Birmingham in October 2017. The slides
are here.

<p>

I recently repeated that talk with some minor edits for a delegation
organised by Sunland International. The slides are
here. The associated slides about
Birmingham's Cyber Security teaching and research are <a href="2018-sept-security-bsc-level-
open-day-talk.pdf">here.

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<p>I tweet as @ibatten.
Occasionally I post longer things <a href="http://igb.posthaven.com"
target="_blank">here. I am on LinkedIn

as <https://www.linkedin.com/in/ianbatten/>>ianbatten.

<p>My various keys can be obtained here, including my primary PGP key. A copy of my primary PGP key is also available here. I intend to sign all keys for the foreseeable future with this key.

<p>

<p>An additional PGP key for my Birmingham email can be found here.

It has been cross-signed with my primary PGP key.

<p>

I have a taste for old Hewlett Packard calculators, and modern clones of them. If you are throwing any out, throw them my way!

<p>My PhD, "Trusted Execution: Applications and Verification"

was awarded in April 2016, thanks

to the excellent supervision of Professor Mark Ryan.

<p>I have

an Erdős number of 4, according

to this Imperial analysis which has Mark Ryan at 3.

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<p>Tweets by @ibatten <script>!function(d,s,id){var js,fjs=d.getElementsByTagName(s)[0],p=/^http:/.test(d.location)?'http':'https';if(!d.getElementById(id)){js=d.createElement(s);js.id=id;js.src=p+"://platform.twitter.com/widgets.js";fjs.parentNode.insertBefore(js,fjs);}}(document,"script","twitter-wjs");</script>

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<p>

<p>Hurricane Electric
very kindly provided my home IPv6 connectivity for some years. I now
have it natively via the excellent <a href="http://aaisp.net"
target="_blank">Andrews and Arnold, but HE's commitment to IPv6
rollout should be recongnised as well.

<p>
<iframe id=locframe src="https://www.batten.eu.org/location.html">Location information
here</iframe>
</body>
</html>