Frederick Benjamin Woodruff

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I am looking for software engineering roles.

WORK

Deloitte
Assistant Manager (September 2020 -)
Senior Associate (September 2019 - September 2020)
Audit Associate (September 2018 - September 2019)
I passed 12 ACA exams.
I am auditing the FY22 accounts for Babcock International Group.
I audited the FY18 and FY19 accounts for Anglo American.
I have been auditing many smaller clients including I-Pulse and CGN.

Summer jobs
Maths, chemistry and physics tutor at The Fulham Study (4 weeks in 2018)
Summer intern at Stuart Mitchell Capital (4 weeks in 2014)
Barman at the Rose and Crown Pub Chelsea (4 weeks in 2014)
Catering staff for At Your Service (3 months between 2012 and 2014)
Recipe taster at Apetito (1 week in 2009)

EDUCATION

Durham University
MPhys Physics 2:1

Winchester College
Physics and Chemistry 'Pre-U' qualification (D1 and D2 respectively)
Maths and Further Maths 'A-level' qualification (A* and A respectively)

Full UK driving licence

INTERESTS

Sport
I cycled across Canada covering 4300 miles. I cycled from London to Tromsø covering 2100 miles.
I rowed for University College Durham, Collingwood College Durham, and at Winchester College.

Software
github.com/fwoodruff
Projects:
   Self-contained web server with no external libraries
      Full homemade elliptic curve cryptography; TLS 1.2 and HTTP/1.1 protocol implementations
      Batch processing, polling and sanitisation to defend against malicious user input
      Runs on my Raspberry Pi at freddiewoodruff.co.uk.
   Homemade text-recognition neural network
   Chess game with a GUI and AI
   N-body gravity and FDTD electromagnetism physics simulations
Books studied:
   C++ Concurrency In Action - Anthony Williams
   Effective Modern C++ - Scott Meyers
   Advanced Java - Andriy Redko

University Societies
DUCA president

Music
Grade 8 piano; I play daily.