

Employment History

BBC – Visual Journalism Developer (August 2017 – current)

Developer for a newly created World Service Visual Journalism team, building mobile-first interactive content for BBC News websites in the Near East region.

Tech: VanillaJS, HTML5, CSS3, D3.js, AWS Lambda, NodeJS

Training: Big Data (AWS/Hadoop), Cucumber/Gerkin, Product Management

Analytics Ltd – Front End Lead Developer (August 2016 – August 2017)

Front end lead/d3.js developer for data visualisation project management platform. Line management of two front end developers.

Tech: d3.js, Angular 1.x, Bootstrap

- Managed the front end team workload and reporting to management.
- Client facing responsibilities - conducted stakeholder demonstrations on site.
- Involved in recruitment, participating in interviews and designing test tasks.

Cascade.bi – Software Developer (September 2014 – August 2016)

Front end lead for SaaS business intelligence platform, producing responsive dashboards using dc.js. Saw the full application lifecycle from initial prototypes that were used to secure early funding through to initial beta deployment.

Tech: JS (dc.js), C#, HTML5, CSS3 (Bootstrap), SQL

- Built an ASP.net application from prototype to product release.
- Designed Node.js server side data aggregation solution to process datasets.
- Devised and implemented parts of the AWS infrastructure used in the application, conducted maintenance and deployment to the servers.

Skills

Languages: HTML5, CSS3, Javascript, C#, SQL

Frameworks/Libraries: jQuery, Bootstrap, SASS, Node, d3.js, Angular 1.x, Vue.js

Tools: Karma/Mocha/Chai, Sinon, AWS, Git, Agile/Scrum workflow, CI (Jenkins).

Education

Masters of Music (by Research), University of East Anglia.

Electro-Acoustic Composition and Sonic Arts

- Research project on interactive video game music, writing real-time data interfaces (C++, JS) to create a portfolio of generated music.
- Presented research at the 2013 and 2014 Ludomusicology Conferences.

BA (Hons), University of East Anglia. Music (2:1).

Interests and Activities

Keen musician and racing driver with interests in politics and language. Multi-instrumentalist, primarily playing piano, guitar (classical, grade 8) and drums.