Benjamin Montgomery

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Skilled software developer with a BSc in Economics from the University of Bath and experience in the healthcare technology industry. Now seeking a new challenge in strategy consultancy to utilise strong analytical, problem-solving and communication skills.

**EDUCATION**

**University of Bath 2013 - 2017**

* **BSc (Hons) Economics** – 2.1
* **Bloomberg Market Concepts –** financialcourse
* **Bloomberg Aptitude Test –** One of the top 5 highest scores in the EMEA region (December 2015)
* **Active volunteer** – e.g. helped to run two Students’ Union Presidential campaigns, trained and led other students to help welcome and care for new students, tutored A-level Economics to a boarding school student, and was an academic representative for the Economics course.

**Hampton School, UK 2006 - 2013**

* **A-Levels:** Mathematics (A\*), Further Mathematics (A\*), Physics (A\* [Pre-U: Distinction]), Economics (A), General Studies (A)

**EMPLOYMENT HISTORY**

**Software Developer, TPP, Leeds January 2018 – June 2020**

Coding for a clinical system (SystmOne) responsible for over 50 million patient records with one of the largest real-time databases in the world. Responsibilities included functional and system design, full stack development, performance tuning and requirements gathering. Established a strong proficiency with Java and SQL.

* Developed enhancements for a clinical system used in the UK and internationally by over 100,000 concurrent users, as well as mobile apps for patients and clinicians.
* Analysed multi-billion row databases to monitor and analyse how and where COVID-19 is most affecting the NHS, and the extent to which government response measures might be effective.
* Improved SQL efficiency and fixed bugs in our overnight builds that run reports on over 50 million patient records to decrease overall build time by ~10% and improve data quality.
* Managed allocation of all software developers to project teams – ensuring each team would be able to work well together with the right experience to deliver on the project goal.
* Worked on the first line of defence for our live environments, maintaining server health and working under pressure to respond to problems quickly e.g. to keep our servers up without any down-time and react to security concerns and reported bugs. Responsible for prioritising and managing the response to multiple problems simultaneously.
* Developed our internal contract tracking system to save employee time when following our recruitment process and assist our helpdesk when taking calls from users of the system.
* Travelled internationally with company directors to present and try to win business from government ministers for a nation-wide bid for an electronic medical record system. Involved with the strategy and planning of the EMR proposal and presentations.
* Maintained and updated server- and client-side security features and certificates across multiple environments.
* Organised and ran recruitment events across universities and management research projects with masters students. Gave presentations for potential and new starters on various aspects of work and life at TPP and in Leeds, and mentored several new recruits when they started their TPP career.
* Designed and wrote some of the base architecture and functionality for an app used by to record ward round observations.
* Wrote an extractor to migrate large amounts of data from a legacy clinical system to SystmOne as part of the deployment process.
* Wrote system interoperability functionality to fit a NHS Digital specification and contributed towards uplifting the specification.

**Windsor Racecourse Summer 2017**

* Bar, restaurant and cellar work. Efficiently organising and managing stock for 17+ bars for events and race days.

**CBRE Summer 2016**

* London Development team intern, assisting with research for presentations, summarizing information and taking part in meetings.

**PRS Summer 2016**

* Setting up and working at events behind bars, waiting tables, checking stock, taking deliveries, and organizing cellars.

**SKILLS & INTERESTS**

**Technical:** Great problem solving skills. Experience with Java, SQL and MS Office.

**General:** Excellent written and verbal communication skills. Fully qualified for first-aid at work.

**Interests:** Played various sports competitively at school and university. Now enjoy 5-aside football, squash, running and cycling. Passionate about travel, coffee, exploration and food.