

## **JOB DESCRIPTION**

### **Post Title:**

Support Lecturer

### **Responsible for:**

Providing classroom instruction, supporting Lecturers, designing and conducting workshops.

### **Nature of the Role:**

We are running two eight-week Launchpads, one in Software Development and the other in Data Analysis and Visualisation, starting from 1st October and 1st November respectively, and we run week-long modules throughout the year. We are looking for support lecturers to work on an ad-hoc basis across both apprenticeships and all modules.

### **Closing Date:**

Applications accepted all year round.

### **Purpose of the Role:**

Are you a bright, talented communicator with a passion for education and technology? We need you to support the next generation of digital pioneers (with a particular focus on women and individuals from low-income backgrounds) as they work through their degree-level apprenticeships.

The role will see you provide classroom support and instruction to Ada's digital apprentices. Support Lecturers at Ada work collaboratively with full-time and contracted teaching staff to ensure successful delivery of our courses. You will cover and expand upon the curriculum, with the opportunity to design and deliver your own workshops in topics that interest you.

Lecturing staff generally find Ada apprentices to be mature and highly motivated students; they are chosen by top-tier employers (from Google and Facebook to Hackney Council) and assigned to real world, cutting edge projects. The full-day schedule means that lecturers and support lecturers have the opportunity to get to know the apprentices they work with, and the Ada experience resembles a blend of the best elements of university courses and coding bootcamps.

We offer two Apprenticeship Degrees, which can be taken over the course of two years (providing a Foundation Degree) or three years (providing a full BSc equivalent). Our established Degree Apprenticeship in Digital Innovation gives students a solid foundation in Software Development practices and principles. This Apprenticeship program includes module choices from the second year, allowing students to specialise further in Technical, Design or Entrepreneurial pathways. Our new Degree Apprenticeship in Data Analytics and Visualisation will allow students to gain a comprehensive understanding of Data Science.

Further apprenticeship programs are also being planned to ensure that Ada remains a pioneer of innovative technology education.

### **Main Responsibilities:**

- Provide classroom support during lectures
- Run workshops that demonstrate techniques, languages, libraries and best practices



- Facilitate stand-up meetings and check-ins for Apprentices
- Support lecturers and lead lecturer in planning and designing curricula
- Support lecturers and lead lecturer in designing and assessing assignments
- Provide feedback to apprentices on their progress and additional support where necessary

#### *Additional Duties:*

You may be asked to support with revision or consolidation sessions for apprentices, which take place on weekday evenings.

### **The Person**

#### **Ideal Experience**

- Degree or Apprenticeship in technical subject (Computer Science, Software Engineering, Digital Media or Game Design, STEM with demonstrable use of technology)  
or
- Substantial work experience in software development and demonstrable experience of mentorship

#### **Bonus Experience:**

- Postgraduate Degree or Apprenticeship in a technical subject
- Teaching or teaching support experience
- Relevant sector work experience e.g. IT support, Software Development

#### **Personal Qualities, Aptitudes and Skills:**

- Excellent technical skills
- Strong collaborative working skills
- A strong interest in technology and the digital industry
- A passion towards supporting others and ensuring their wellbeing
- Ability to inspire people

#### **Languages / Platforms**

(Candidates are not expected to be familiar with all of these, but should have an interest in or be willing to learn some of them)

- Javascript
- Node.js
- React
- Express
- CSS
- HTML
- P5.js
- D3.js
- Mocha
- Chai
- Sketch (UI)
- XAmpp

- PostGres
- Neo4J
- Git
- Bash
- Python
- Pandas
- Seaborn
- PyTest
- Agile Project Planning
- Test Driven Development
- Pair Programming

**Variation to this Job Description** This is a description of the job as it is at present, and is current at date of issue. The job description will be reviewed and updated as necessary to ensure that appropriate revisions are incorporated, and that it relates to the job to be performed. This process is carried out through discussions with Management. You are expected to participate fully in the review and, following discussion to update your job description as is considered necessary or desirable

The successful candidate will be required to apply for a Basic Disclosure and Barring Service (DBS) check when appropriate to the post. Further information about the DBS be found at [www.gov.uk](http://www.gov.uk)

Salary:	Day rate of between £100 – £200 dependent on experience.
Location:	Wood Green / Tottenham Hale / Whitechapel
Selection Process:	1 phone conversation and 1 informal interview
Hours:	Flexible and variable

### How to apply

Please submit a supporting cover letter and CV to [jobs@ada.ac.uk](mailto:jobs@ada.ac.uk), in the subject field please write "Application for Support Lecturer" followed by your name.

All appointments are subject to satisfactory references.

## About Ada, the National College for Digital Skills

The mission of the College is to work with industry to design and deliver an institution that provides the education and support needed for all its students, especially young women and those from low-income backgrounds, to progress into highly skilled, computing-related roles.:

- We are a centre of excellence for the teaching of higher level digital skills
- We offer a high quality, aspirational alternative to university
- We are a beacon of best practice in employment-focused provision

### Our Theory of Change:

Through achieving our mission the College aims to be an engine for social mobility. It will achieve this by recruiting 50% of its students from low-income backgrounds and 40% as young women by 2021.

Our Patron, Baroness Martha Lane Fox echoed these sentiments when she said –

“The digital revolution and the web are transforming the UK’s economy at an unprecedented pace creating huge opportunity for future generations. However, the benefits of, and access to, these opportunities are not distributed evenly across society and most digital businesses do not reflect the diversity of their users.”

### Our Values:

We believe all our students and staff should exhibit the following 5 values:  
Curiosity, Creativity, Resilience, Rigour and Collaboration

Ada Lovelace (1815 – 1852)

We named the college after Ada Lovelace as she represents many of the defining traits we seek to foster in our students. She was a British computing pioneer who defied convention. She was a collaborator who combined her numerical ability with creative flair.

Ada was the first person to recognise and communicate the potential of computers to help solve many of the world’s problems and improve people’s lives. In the same vein, we aspire for our well-rounded students to be equipped to use technology to have a positive impact on the world.

### Our Apprenticeships

Apprentices start their programme with an eight week Launchpad, customised to their Apprenticeship. In the Digital Innovation launchpad, we cover the Software Development Life Cycle (SDLC) and full-stack development including web development, object-oriented programming with JavaScript, test-driven development, and databases. In the Data Analytics and Visualisation launchpad, we give apprentices an understanding of statistics, data analytics concepts, project planning and execution, and automated data analysis using Python and Pandas. Lectures on ethics and theoretical computer science ensure the Launchpad is more than your typical coding bootcamp. Following the Launchpad, apprentices return every seven weeks to Ada to complete additional modules.

Please find more information on our website: <https://ada.ac.uk/apprenticeships/our-course/>