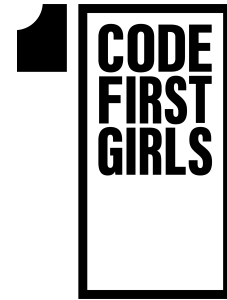


# MASTERS INSTRUCTOR



*Code First Girls has expanded on our current offering by delivering a range of new courses and course content for women who are interested in pursuing a career in tech. Our aim is to double the size of the current community by offering a variety of Mass Open Online Courses, revamped Introduction Classes, our Nanodegree introduced in 2021 and our first Masters extension in June 2022.*

**CFG is looking for committed and experienced developers to become Lead and Assistant instructors for our 4-week, remotely-accessible, evening Masters programme.**

## Course outline

The Masters programme is designed to be an extension after the end of the full Nanodegree programme. The Masters will run over 4 weeks delivering study modules in three different areas: **DevOps & Cloud, Mobile App Development** and **Analyst & Product Management**. Masters are open by application and interview to candidates who wish to continue their learning and extend their career pathways. Candidates must have a Nanodegree certification (or equivalent level) or have been in a relevant tech role.

## What we're offering

The initial engagement will be a freelance contract for the delivery of our 4-week technical Masters. We offer competitive remuneration in line with your developer and instructor skills. You'd be joining the CFG team on a professional freelance basis, focusing on delivering a great learning experience that can help our students develop their technical skills and knowledge.

Please note that all learning materials, code snippets, exercises, learning packs, slide decks and the complete course syllabus will be supplied to the teaching team. Prior to the course, the team of instructors will participate in a few briefing and practice sessions to align on the curriculum. There will also be time to become familiar with the curriculum content ahead of the programme starting.

## What we're looking for

We will be recruiting a number of Lead and Assistant instructors to deliver the Masters modules. We look for a variety of technical skills in our teaching team, therefore will be open to considering candidates who have all-round tech skills, but also those with strengths in a particular area.

**General Requirements** - you do not need to meet all requirements, but we will ask you in the application form to select your proficiency in various technical areas

- A UK/IE based developer with 2+ years of experience in a professional setting
- Strong Python and Software skills (experience writing production code, knowledge of APIs)
- Experience working with Cloud platforms, Docker, Kubernetes, Pipelines
- Knowledge of theoretical concepts and Design Principles in HCI
- Good knowledge of React, Redux, Hooks, State Management as well as React Native
- \* Advanced Cloud & DevOps OR Mobile App Development OR Analyst & Product Management
- Comfortable troubleshooting installation and software issues on both Windows and Mac machines
- Experience deploying code to production
- Understanding of a product development lifecycle

- Strong presentation skills
- Ability to work with a group and handle unexpected situations
- Passion for teaching and mentoring

#### **'Good to have' requirements**

- Understanding of Project Management and Business Analysis
- Understanding of basic programming algorithms
- Previous teaching experience (e.g. CFG courses)
- Previous mentoring experience
- Previous experience delivering MOOCs or workshops

\* Depending on your experiences and skills set you may be asked to deliver either *DevOps & Cloud* **or** *Mobile App Development* **or** *Analyst & Product Management* Masters modules.

#### **Roles and responsibilities**

As an instructor, you'll be responsible for ensuring that the students develop the knowledge, practical skills and confidence to take what they have learned into their professional tech role. To do this, you will need to:

- Prepare for each lesson
- Deliver our structured curriculum through virtual classroom (Zoom)
- Provide feedback to students on the outcomes of tasks and exercises to ensure they're learning from mistakes
- Adapt to the learning styles of students to ensure that no one is left behind
- Support students to build their confidence in their own ability to learn and deliver
- Provide support to students as they create their portfolio pieces that demonstrate their understanding of the knowledge and skills they are learning

All classes will occur Monday-Thursday from 6:30 pm - 8.30 pm. In total, you will work approx 40 hours over the 4 weeks (including core delivery, prep and assessment/hw marking). Our sessions are conducted remotely via Zoom, so you can be based anywhere with good wifi.

**Remuneration:** £50/hour for Lead, £30/hour for Assistant

**Estimate start date:** June 2022

If your initial application is successful we will invite you to a virtual interview with the CFG team.

#### **About CFG**

Code First Girls are dedicated to transforming tech by providing the skills, space and inspiration for women to become kick-ass developers and future leaders. Our active community of coders, trainers and coaches are one of the largest in the UK, facilitating women to break into and excel within the industry. Code First Girls launched in 2015, with a mission to transform technology through educational opportunity. So far, we have taught in excess of 35k women how to code for free and have connected them with 50+ top employers.