|  |  |
| --- | --- |
| **Job title** | App Developer |
| **Description** | App developers design and build mobile applications for PCs, mobile phones and tablets. |
| **Entry requirements:**  | At **University** you could do a foundation degree, higher national diploma or degree in:* computer science
* software engineering
* computer applications development
* mathematics

**Entry requirements**You'll usually need:* 1 or 2 A levels for a foundation degree or higher national diploma
* 2 to 3 A levels for a degree

You can complete a software developer higher **apprenticeship.****Entry requirements**To get onto an apprenticeship, you'll find it useful to have:* 4 or 5 GCSEs at grades 9 to 4 (A\* to C)
* College qualifications like A levels for a higher or a degree apprenticeship
 |
| **Skills required:**  | You'll need:* Maths knowledge for understanding programming
* The ability to write computer programs
* Analytical thinking skills
* To be thorough and pay attention to detail
* The ability to come up with new ways of doing things
* Knowledge of systems analysis and development
* Complex problem-solving skills
* Persistence and determination
* To have a thorough understanding of computer systems and applications
 |
| **What you'll do:**  | Your day-to-day tasks may include:* Developing new apps or creating 'mobile-friendly' versions of websites
* Working with other developers, designers and copywriters
* Designing prototypes to suit client needs
* Writing or amending computer code
* Testing software, finding faults and fixing problems
* Writing accurate notes about the development process
* Keeping up to date with new technology trends and tools
 |
| **What you’ll earn:** **[*These figures are a guide.]*** | Starter: £21,000Experienced: £55,000 |
| **Working hours, patterns and environment:** | * You could work in an office or at a client's business.
* You will work 37 to 40 hours usually Monday to Friday
 |
| **Career path and progression:** | * You could move into systems analysis, or be promoted to a senior app developer or applications project manager.
* You could also become self-employed, offering your services through contracting.
* You can build up your skills and knowledge using free online learning resources for programming languages and apps development.
* You'll also find it useful to have an understanding of [Agile](https://www.axelos.com/best-practice-solutions/prince2-agile/what-is-prince2-agile) project development methods.
 |