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| **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: £21,000  Experienced: £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. |