

Être capable de parler et de présenter les métiers de l'informatique



Lucy
UX Designer

Job description	Ensures that the interactions between an app or website and a user/customer are easy, effective, accessible and delightful. The No. 1 Rule: no more than 3 clicks to find the information!
Daily tasks	<ul style="list-style-type: none">• Conducting research and surveys to get to know the user and build user personas. Creating the site maps or prototypes.• Conducting user testing, finding solutions to identified problems and correcting the design.• Delivering the prototype design solution to the team or client.
Technical skills	<ul style="list-style-type: none">• Learning about the client brand• Conducting research• Building a skeletal framework for a website or app• Prototyping, which is essential for testing functionality and identifying problems
Soft skills	<ul style="list-style-type: none">• Communication• Empathy• Collaboration• Critical thinking

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Courtney

Back-End Developer

Job description	Programs code that tells websites how to operate on what the user/client cannot see (= the kitchen in a restaurant). Makes sure that a program can deliver any requested data or information when asked on the visible side.
Daily tasks	<ul style="list-style-type: none">• Meeting and working with Front-End and Full-stack developers, UX specialists• Writing code and building and maintaining web applications• Testing• Troubleshooting and debugging• Staying up to date on new technologies
Technical skills	<ul style="list-style-type: none">• Proficiency in algorithmic languages such as Ruby, PHP, Python...• Knowledge of database systems (SQL, Oracle..)
Soft skills	<ul style="list-style-type: none">• Problem-solving• High attention to detail• Good analytical thinking• Communication• Teamwork

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Jenifer

Front-End Developer

Job description

Programs code that tells websites how to operate on what the user/client can see (= the dining room in a restaurant). Implements, codes, documents and maintains the visual interface of a software, app or website by linking the design (made by a web designer) and the technology to create interaction.

Daily tasks

- Meeting and working with Web designer, UX designer
- Transforming design into code
- Making the website easy to find in a search engine or Play Store (website referencing)
- Testing
- Making the design suitable for any type of screen

Technical skills

- Knowledge of coding languages such as HTML, CSS, JavaScript, and jQuery
- Knowledge of graphic design applications (e.g., Adobe Illustrator)
- Understanding of the principles of SEO (website referencing)

Soft skills

- Problem-solving
- Proficiency in communication with team members, bosses, and clients

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Julia

Data Analyst

Job description	Collects, cleans, analyses the data and interprets the results of the analysis to turn them into information in order to answer a question or solve a problem, by helping to make decisions.
Daily tasks	<ul style="list-style-type: none">• Gathering data• Cleaning data (delete duplicate, errors...)• Modelling data by creating and designing the structures of a database• Interpreting data by finding patterns or trends in data• Presenting the results of findings by making visualisations (charts and graphs...)
Technical skills	<ul style="list-style-type: none">• Knowledge of Database tools (Microsoft Excel and SQL for larger sets of data)• Programming with statistical languages like Python or R• Data visualization using tools as Tableau, Jupyter Notebook, and Excel...• Knowledge of the concepts (in math or statistic) behind the data tools
Soft skills	<ul style="list-style-type: none">• Problem-solving• Communication• Critical thinking• Presentation skills• Attention to detail

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Claire

Cybersecurity specialist

Job description

Defends an organisation's Information Systems and ensures secure computer systems. This often includes tasks such as installing and configuring security software to prevent attacks, educating employees on data security, monitoring and protecting against network breaches, and responding to cyber attacks with the appropriate countermeasures.

Daily tasks

- Implementing, monitoring and upgrading computer anti-virus
- Encrypting data transmissions and erecting firewalls
- Implementing password authentication
- Performing risk assessments and tests on running data processing activities and security measures.
- Educating workers about computer security
- Keeping accurate and current backup files

Technical skills

- Understanding of operating systems, networking
- Proficiency in scripting languages and multiple programming (Python, Shell, Java, C++, and more.)
- Understanding of how components work
- Knowledge of antivirus and anti-malware

Soft skills

- Communication
- Curiosity
- Attention to detail