SOFTWARE DESIGN & ENGINEERING CAREER PATHWAY

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WISE PATHWAYS
Women in Sustainable Employment

High School Diploma to post-secondary degrees in a variety of disciplines including graphic design, IT, Web Coding, marketing and related disciplines

Associate or Bachelor's degree in CS, CE, Software, IT or related fields

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$57,000
JR. MOBILE SOFTWARE DEVELOPER

Job requirements include:

- Trained in mobile application concepts, use cases and have some experience coding in mobile devices and Android, Windows and iOS operating systems
- Familiar with the application development lifecycle Proficient in one or more software languages

Associate or Bachelor's Degree

$70,400
USER EXPERIENCE DESIGNER

Job requirements include:

- Foundational employability skills, written and verbal communication skills, customer oriented, analytical problem-solving skills, and growing knowledge of business processes.
- Competencies and Credentials: Wireframe prototyping.; UX writing, visual design and communication skills, Coding HTML and CSS is a plus; US research. Design tools include, among others

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$75,000
SR. MOBILE SOFTWARE DEVELOPER

Job requirements include:

- Experienced in mobile application concepts, use cases, and coding of mobile devices and Android, Windows and iOS operating systems
- Able to supervise one or more junior developers
- Knowledgeable in various business processes

$80,086
JR. BACK-END SOFTWARE DEVELOPER

Job requirements include:

- Trained in back-end process coding languages and techniques such as Node JS, Python, C++, PHP, Ruby, Java and Microsoft .NET framework.
- Training in relational databases, application services and the system development lifecycle, and API's
- Prepared to learn business processes and how to use IT to enable operational business processes
- A good communicator, listener and collaborator

Associate or Bachelor's degree in CS, CE, Software, IT or related fields

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$88,000
JR. FRONT-END SOFTWARE DEVELOPER

Job requirements include:

- Trained in web development concepts and tools such as HTML, CSS, JavaScript, user interfaces, SEO and on-line device form factors
- Ready to learn about user facing business needs and how best to deliver data and functionality via a easy to use device and format A good communicator, listener, and collaborator

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$88,000
SR. FRONT-END SOFTWARE DEVELOPER

Job requirements include:

- Experienced in web development concepts and tools such as HTML, CSS, JavaScript, user interfaces, SEO and on-line device form factors
- Ready to learn about user facing business needs and how best to deliver data and functionality via a easy to use device and format
- A good communicator, listener, and collaborator

$106,054
SR. BACK-END SOFTWARE DEVELOPER

Job requirements include:

- Experienced in back-end process coding languages and techniques such as Node JS, Python, C++, PHP, Ruby, Java and Microsoft .NET framework.
- Complete understanding of relational databases, application services and the system development lifecycle
- Ability to design and architect API's Well versed in business processes, data integration and techniques for process improvement
- Able to supervise one or more junior developers

$107,037
LEAD SOFTWARE DEVELOPER

Job requirements include:

- Foundational employability skills, written and verbal communication skills, customer oriented, analytical problem solving skills, and growing knowledge of business processes.
- Competencies and Credentials: A blend of developer skills including those for front-end, back-end and device programming, testing, management and deployment tools

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$108,000
JR. IOT SOFTWARE DEVELOPER

Job requirements include:

- Trained in IoT concepts, sensors, use cases and have some experience coding the devices as well as data collection and management processes
- Familiar with the application development lifecycle
- Proficient in one or more software languages and able to write simple scripts with knowledge of queues and caches
- Ready to expand knowledge and credentials
- Ability to communicate with and collaborate with teams, customers, stakeholders

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$125,000
SR. IOT SOFTWARE DEVELOPER

Job requirements include:

- Experienced with IoT concepts, sensors, use cases and coding devices, data collection and data consumption / management functions
- Expert in one or more software languages and able to write complex problems and use cases
- Prepared to supervise and / or coach less experienced coders / developers

Associate or Bachelor's degree in CS, CE, Software, IT or related fields

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