Full Stack Developer Program

Get the skills to get the job!

The Full Stack Developer Program

was developed in partnership with [Qwasar Silicon Valley](#) to offer a 9-month training program for students to become a Full Stack Developer. Through project-based learning, students study software development and the train in the soft skills needed to enter the competitive job market. Upon program completion, students will be able to apply for junior full stack developer roles and earn an industry-standard certification in Full Stack Development from Qwasar.

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What is a Full Stack Developer?

Full-stack developers are experts in both the front-end and back-end of the components that make up a website. They possess knowledge in both front-end and back-end languages and frameworks, as well as in server, network and hosting environments.

- **Front-end** development (the visible parts of a website or app)
- **Back-end** development (the "under the hood" databases and infrastructure)
- **Full stack** development (a hybrid of both). Full stack can apply to a web stack, mobile stack, or a native application stack

As the line between what can be done on the front-end versus back-end blurs as the tech industry expands, more developers are becoming what is called "full stack." Employers, especially in the Bay Area, are looking for developers who know how to work on all the parts of a site.

Curriculum Includes

- Front-end and back-end programming
- Ruby on Rails
- Javascript
- Advanced SQL database knowledge
- RESTful APIs, software architecture
- Structured problem solving and debugging
- Data structures and algorithms
- SEO
- SQL, SQLite, and databases
- Wordpress, Shopify, and website CMSs
- Cloud-hosting and app deployment
- Extensive use of industry-standard tools such as Git IDEs, and terminal commands

More Full Stack Developers Are Needed!

Employment of web developers and digital designers is projected to grow 8% between now and 2029, much faster than the average for other occupations. The starting salary with this desirable skillset starts between $60,000 and $80,000!

There's a significant shortage of qualified developers compared to the demand for this occupation in the Bay Area and Silicon Valley. The Full Stack Developer Program will teach students the valuable skills necessary to become a starting full stack developer.

Questions about registration?
Please email the program coordinator:

whitem@smccd.edu

For more information and to register, please visit:
https://www.canadacollege.edu/menloparksite/programs/Qwasar.php

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