

Software Developer

DURATION - 33 Weeks*

COURSES - 10



Train in programming languages to design and build websites, computer programs, and apps. You will receive hands-on training in coding from scratch using JavaScript, HTML and CSS.

What We Teach

- Produce dynamic, responsive websites using HTML5, CSS3 and JavaScript
- Program server side applications & RESTful Web API's using Express, ASP.NET or Spring
- MySQL & MongoDB to design tables & collections
- Industry development processes through SCRUM and Kanban

What We Provide

- Courses taught and delivered by industry experts
- Cutting-edge technical skills
- Preparation for dynamic career in software development

Walla Walla University does not guarantee employment.

Available Stackable Badges & Certification

- Created by Industry Experts and Employers
- Curriculum created by industry experts for employers and with instructors meeting college level standards.



HTML, CSS, & Javascript & progress with GIT



Front End Foundations



Programming Foundations



Front End Frameworks



Back End Foundations



Database Foundations



Mobile Apps and Responsive Design



Agile Project Management and Career Skills



Deployment and Web Security



Group Project

Live-Virtual Support

Admissions Advisors

Program Directors

Instructors

Directors of Education

Success Coach

Mentors

Course Outline

SWD100	Coding from Scratch	Learn foundations of HTML, CSS and JavaScript and how to record and share progress with Git
SWD101	Front End Foundations	Create robust web apps and code structure for large, client-side web projects
SWD102	Programming Foundations	Understand programming principles of chosen career path. Learn language specific concepts in Java C# or JavaScript
SWD103	Front End Frameworks	Learn front-end best practices and Single Page Web Applications (SPA) with either React or Angular frameworks
SWD104	Back End Foundations	Create server-side web apps and services with choice of Express, ASP .NET or Spring
SWD105	Database Foundations	Learn how to design, store & manipulate databases. Students will work with both relational (SQL) & non-relational databases
SWD106	Mobile Apps and Responsive Design	Explore Responsive Design principles and create a mobile-first experience to be used on mobile apps (iOS/Android)
SWD107	Agile Project Management and Career Skills	Manage software projects & teams, learn roles & responsibilities as well as the Software Development Lifecycle (SDLC)
SWD108	Deployment and Web Security	Understand the process and benefits of deploying a web application to a cloud hosting provider
SWD109	Group Project	Build a full-stack application as an AgileProject Team followed by a presentation in front of family, friends, and employers

*For successful full-time enrollment.



Professional
Workforce
Development
AT WALLA WALLA UNIVERSITY

workforce.wallawalla.edu

204 S College Ave, College Place, WA 99324 • 509.530.2794 • workforce@wallawalla.edu