

coder _girl

LEARN • NETWORK • CREATE

CoderGirl is a free LaunchCode education program developed to engage and educate people who self-identify as women or non-binary to work in the technology community in an inclusive, welcoming community environment.

LEARN MORE AT LAUNCHCODE.ORG/CODERGIRL

A ROCKET BOOST FOR WOMEN IN TECHNOLOGY

CoderGirl is a LaunchCode Education program designed to educate people of marginalized gender in the technology community in St. Louis and equip them with technical and job-readiness skills.

Participants enroll in either a once-weekly, 3-hour evening class for the cohort duration of a 24-week or 45-week specialized track. Classes are designed to equip LaunchCoders with technical skills and job-readiness skills, leading up to our apprenticeship job program.

WHAT TO EXPECT

- Mentor support
- An inclusive, collaborative learning environment
- 3-hour class, 1 evening per week for program duration
- 10-15 hours of work outside of class each week
- Students must have a laptop with administrator privileges for participation. Windows 10 for PC or OS 10.13.2 or newer for Mac required.

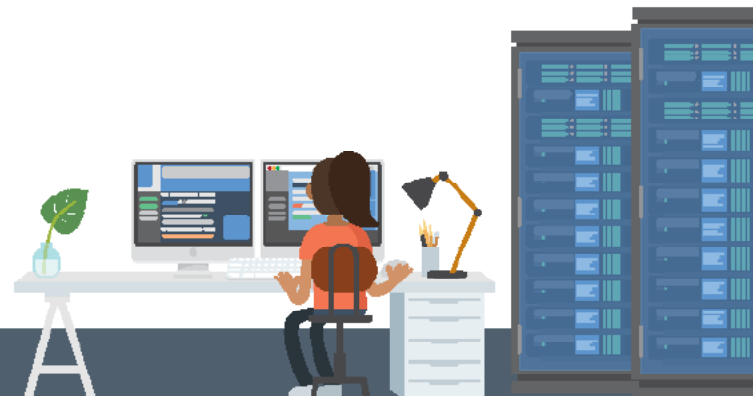
(See specific track descriptions for any additional requirements.)

EXAMPLE LEARNING TRACKS

- Data Analysis (24 weeks)
- Data Science (24 weeks)
- Salesforce (24 weeks)
- SQL Server* (24 weeks)
- User Experience (UX) (24 weeks)
- Product (24 weeks)
- Java Web Development (45 weeks)
- C#/.NET Web Development (45 weeks)
- Front-End Web Development (45 weeks)

*Track has additional system requirements.

**Please note that not every track listed is offered for each cohort or at every location. Please review details for a recruiting cohort under registration at launchcode.org/codergirl



LEARNING TRACKS

All tracks are supplemented with career readiness skills in preparation for the LaunchCode apprenticeship program.

SQL Server & Databases

SQL (Structured Query Language) is the most widely used tool for working with databases. SQL is great for someone that is interested in working with databases, including non-programmers looking to improve their business intelligence skills or programmers looking to build and manipulate databases for their applications. In this course, LaunchCoders will spend 24 weeks learning the basics of SQL, advanced queries, stored procedures, and reporting services.

Data Analysis

Data analysis is a primary component of data mining and business intelligence which emphasizes gaining insight to drive business decisions. Data Analysis is great for someone who is interested in researching and communicating insights in engaging ways. In this course, LaunchCoders will spend 24 weeks gaining foundational knowledge into how to code, what data is, where it comes from, and how it can be used to inform trends and aid in decision-making. LaunchCoders will utilize Python, SQL, Tableau, and various data to source, clean, profile, model, visualize, and report back findings in a manner consumable by stakeholders.

Data Science

Data Science can be applied to discovering customer insights, informing digital marketing, scientific fields of research and application of predicting outcomes or optimizing processes. Data Science is great for someone that is interested in computer science, mathematics, and statistics. In this course, LaunchCoders will spend 24 weeks gaining a comprehensive overview of data science methods and tools. LaunchCoders will learn how to explore, organize, model, and visualize data utilizing languages like SQL, R, and Python.

Salesforce

Salesforce is an in-demand database tool used by organizations and businesses to manage customer data. Salesforce is great for someone that is interested in bridging customer service and business to tech through better collecting and analyzing customer data.

In this course, LaunchCoders will spend 24 weeks learning Salesforce administration and being introduced to Salesforce development with the opportunity to utilize that knowledge to obtain the Salesforce Administrator Certification.

Product

Intro to Product is great for someone who is eager to understand customer needs, gather fast feedback, and convert those needs to products for business objectives. In this course, LaunchCoders will spend 24 weeks engaging with introductory product management concepts that help drive the strategy behind the research, development, launch, and refinement of customer-facing products. LaunchCoders will utilize industry tools, like Miro, and frameworks such as Scrum and Agile, Kanban, and Design Thinking.

Web Development: Java, C#/.Net, or Front-End

Java is a general-purpose coding language with a multitude of applications. Java developers work with data management, reporting, business workflows, Android development, and web development. C# (pronounced C-Sharp) is used primarily on Windows-based machines and has been widely adopted by companies around the world as their software standard. Similar to Java, application developers can use their C# skills to develop web applications, desktop applications and even mobile apps. Java and C# Web Development is great for someone who is interested in how data is passed through the web and wants to develop a wide variety of applications. Front-end web development controls how a website looks and feels for the end-user. Front-end web development is great for someone who is interested in how websites work and wants to create professional, clean, and rich experiences for web users. In these courses, LaunchCoders will spend 19 weeks learning HTML, CSS, and programming fundamentals using JavaScript with a front-end framework called Angular, 18 weeks gaining additional training in the enrolled programming language track, followed by 8 weeks of independent project-building and career readiness skills.