

coder _girl

LEARN • NETWORK • CREATE

CoderGirl is a free LaunchCode education program developed to engage and educate women to work in the technology community in an inclusive, welcoming community environment.

APPLY BY JULY 17 @ LAUNCHCODE.ORG/CODERGIRL

A ROCKET BOOST FOR WOMEN IN TECHNOLOGY

CoderGirl is a LaunchCode Education program designed to educate women in the technology community in St. Louis and equip them with technical and job-readiness skills. Participants enroll in either a:

- 24-week specialized track of once-weekly (Wednesday) classes (Data Analysis, Data Science, Salesforce, SQL, User Experience)
- Or a 40-week specialized track of twice-weekly (Monday and Wednesday) classes (C#/.Net, Front-End Web Dev, Java)

Rung for Women is looking forward to hosting LaunchCode's August 2020 CoderGirl cohort. Rung brings several organizations together under one roof to offer support for busy working women. Potential offerings will for virtual or in-person students include: health and wellness classes and services, financial education classes, networking opportunities, coaching, and onsite-only limited childcare for ages 6 months – 5 years. We working together to determine if CoderGirl classes can be safely held in person.

WHAT TO EXPECT

- Mentor support
- An inclusive, collaborative learning environment
- Meet 5:30-8:30pm weekly
- 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.)

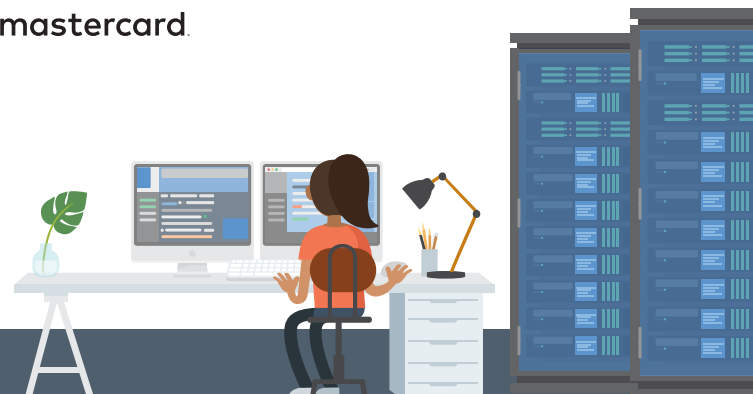
• **CLASSES START AUGUST 17**

LEARNING TRACKS

- **SQL Server*** (24 weeks)
- **Data Analysis** (24 weeks)
- **User Experience (UX)** (24 weeks)
- **Data Science** (24 weeks)
- **Salesforce** (24 weeks)
- **Java Web Development** (40 weeks)
- **C#/.NET Web Development** (40 weeks)
- **Front-End Web Development** (40 weeks)

*Track has additional system requirements.

PRESENTED BY  **mastercard**



LEARNING TRACKS

Learning will be 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. Students must have a Windows laptop with administrator privileges that is less than four years old, have a minimum 4GB RAM, and 75GB or more of free storage space available for participation.

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 that is interested in researching and communicating insights in engaging ways. In this course, CoderGirls will gain foundational knowledge into what data is, where it comes from, and how it can be used to inform trends and aid in decision-making. CoderGirls will utilize Excel, SQL, Tableau, and various data to source, clean, profile, model, visualize, and report back findings in a manner consumable by stakeholders.

User Experience (UX)

This track does not include coding concepts. UX is the process of designing (digital or physical) products that are easy to use and delightful to interact with. It's about enhancing the experience that people have while interacting with your product, and making sure they find value in what you're providing. UX is a hot field right now as an enhancing capability to Computer Science, application within Customer Experience (CX) strategies, or a profession of its own. UX is great for someone that has a passion for design, psychology, and experimentation.

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, CoderGirls will learn how to explore, organize, model, and visualize data using 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, CoderGirls will learn Salesforce administration and being introduced to Salesforce development.

Java

Java is an object-oriented language with a multitude of applications. In this course, CoderGirls will learn the fundamentals of programming and progress through the Java language as you learn to solve problems with code. Java developers work with data management, reporting, and business workflows. This track is great for programming beginners and will build your skills to a professional level by gradually increasing in difficulty.

C#/.NET

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. The .NET Framework is a combination of code and environment that provides a common runtime platform. Similar to Java, application developers can use their C# skills to develop for large server-based systems, desktop applications and even mobile apps. This track is great for someone just getting started with programming who is interested in learning a highly employable language with multiple applications. Student laptops must be less than four years old, have a minimum 4GB RAM, be a Windows machine, and i5 or i7 processor.

Front-End Development

In this course, you will learn the following: basics of web development using HTML, CSS, and JavaScript, how to build responsive websites for mobile through desktop, and get prepared to learn additional web frameworks like Angular, Ember, and React. Web Development is perfect for someone who is interested in how websites work and wants to create professional, clean, and rich experiences for web users.