

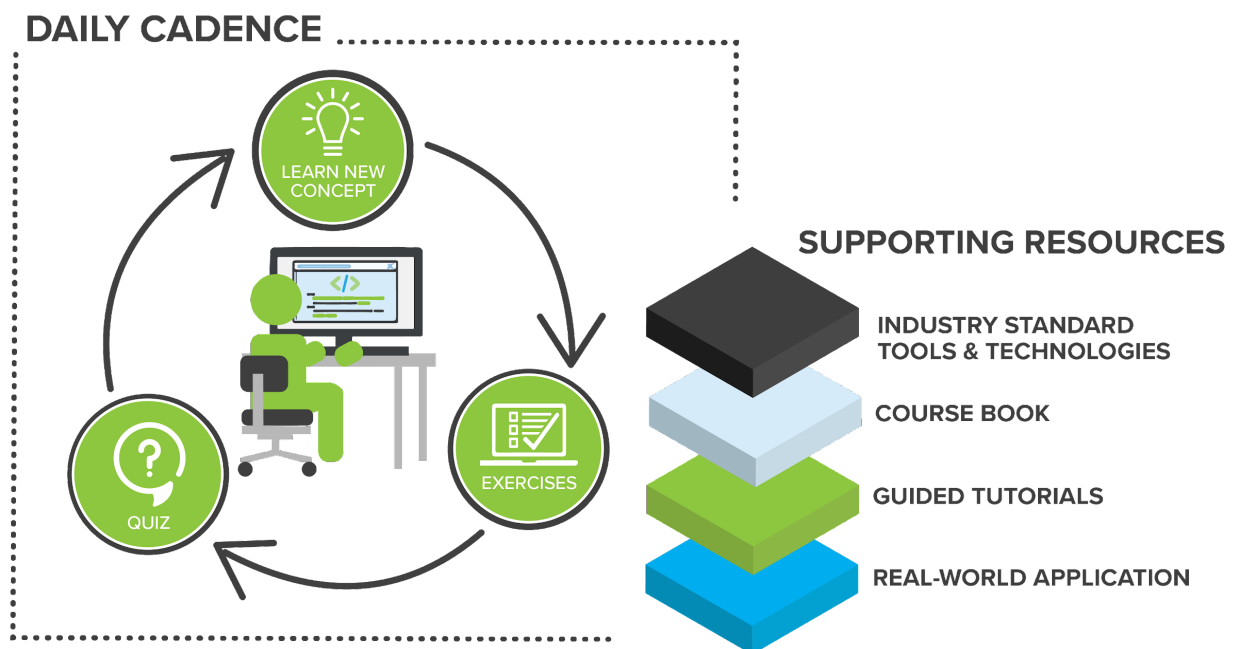
## Tech Elevator Overview

Tech Elevator is a coding bootcamp teaching students to become junior software developers through an intensive 14-week program. The program, which helps students rapidly acquire software development skills, is delivered by master software developers with deep industry experience. Tech Elevator also fully supports student career goals through an extensive hiring network and through a career readiness track called the Pathway Program™.

Through our intensive full-stack curriculum, we teach the languages and fundamental concepts necessary to build a strong coding foundation. Our curriculum builds interactively and promotes student collaboration to develop working solutions for real-world problems.

## How We Teach

Using proprietary curriculum materials developed by our experienced instructor team, we make technical concepts approachable in a variety of ways. New concepts are introduced daily, and reinforced in and out of the classroom with reading, exercises, and group projects. Our team keeps a pulse on how each student performs by providing individual feedback and support continually throughout the bootcamp. After completing the program with over 800 hours of coding, graduates are eager and excited to start making an impact on their team from day one.



## 14-Week Full-Stack Coding Bootcamp Curriculum

<b>Week 1</b>	<b>Module 1 - Intro to Programming in Java or C#</b>	<ul style="list-style-type: none"> <li>• Variables and data types</li> <li>• Arrays</li> <li>• Conditional and iteration logic</li> <li>• Debugging</li> <li>• Unix command-line basics</li> <li>• Version control using Git</li> </ul>
<b>Week 2</b>		<ul style="list-style-type: none"> <li>• Classes and Objects</li> <li>• String manipulation</li> <li>• Collections (Lists and Maps/Dictionaries)</li> </ul>
<b>Week 3</b>		<ul style="list-style-type: none"> <li>• Object-oriented programming (Encapsulation, Inheritance, Polymorphism)</li> <li>• Interfaces</li> <li>• Abstract classes</li> <li>• Unit Testing</li> </ul>
<b>Week 4</b>		<ul style="list-style-type: none"> <li>• File I/O</li> <li>• Exceptions</li> <li>• Module capstone project</li> </ul>
<b>Week 5</b>	<b>Module 2 - Relational Databases</b>	<ul style="list-style-type: none"> <li>• Introduction to relational databases</li> <li>• SQL (SELECT, INSERT, UPDATE, DELETE)</li> <li>• Primary and foreign keys</li> <li>• Cardinality</li> <li>• Relational schemas and normalization</li> <li>• Transactions</li> </ul>
<b>Week 6</b>		<ul style="list-style-type: none"> <li>• Data persistence using Spring JDBC(Java) or ODBC(.NET)</li> <li>• DAO pattern</li> <li>• Integration Testing</li> <li>• Data Security</li> <li>• Module capstone project</li> </ul>

<b>Week 7</b>	<b>Module 2 - Client-Server Programming</b>	<ul style="list-style-type: none"> <li>• Client-server and network communication</li> <li>• HTTP protocol and semantics</li> <li>• RESTful web services</li> <li>• Spring Boot or ASP.NET Web API</li> <li>• Dependency Injection</li> </ul>
<b>Week 8</b>		<ul style="list-style-type: none"> <li>• User Authentication</li> <li>• Module capstone project</li> </ul>
<b>Week 9</b>	<b>Module 3 - Web Application Development</b>	<ul style="list-style-type: none"> <li>• Semantic HTML</li> <li>• CSS box model, normal flow, and positioning</li> <li>• CSS Grid</li> <li>• CSS Flexbox</li> <li>• Responsive Design</li> </ul>
<b>Week 10</b>		<ul style="list-style-type: none"> <li>• Client-side Programming</li> <li>• DOM Manipulation</li> <li>• Event Handling</li> </ul>
<b>Week 11</b>		<ul style="list-style-type: none"> <li>• Vue.js Framework</li> <li>• Component-based Development</li> <li>• Single-page applications</li> </ul>
<b>Week 12</b>		<ul style="list-style-type: none"> <li>• Using APIs</li> <li>• Promises and Asynchronous programming</li> </ul>
<b>Week 13</b>		<ul style="list-style-type: none"> <li>• Final Capstone Project</li> </ul>
<b>Week 14</b>		