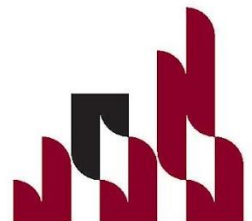


1. React.JS

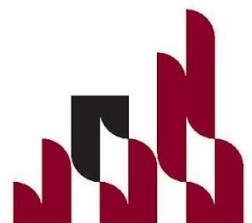
<p>Course outline</p>	<p>Web development</p> <ul style="list-style-type: none"> - Introducing HTML5, VSCode - HTML Basic, Elements, Attributes - Headings, Paragraphs, Styles - Formatting, Comments - CSS Positions - CSS Flex, Grid layout - Practice Portfolio from PSD /tablet, mobile/ - Practice Mini shop from Figma /tablet, mobile/ - Practice Travel Agency /tablet, mobile/ <p>JavaScript</p> <ul style="list-style-type: none"> - JavaScript Fundamentals - Code quality - Objects: the basics - Data types - Advanced working with functions
	<p>Advanced JavaScript</p> <ul style="list-style-type: none"> - Object properties configuration - Prototypes, inheritance - OOP Concepts, Classes, ... - Error handling - Promises, async/await - Generators, advanced iteration - Modules - Practice: Game 1 - Practice: Game 2
	<p>React.JS</p> <ul style="list-style-type: none"> - Introduction to frameworks, React.JS.



	<ul style="list-style-type: none"> - Creating a new React app - React.JS base concepts - Rendering Elements - Components and Props - Data handling - Conditional Rendering - React/Redux - Next.JS - Practice: Shop 1 - Practice: Shop 2 /catogories, products, .../ - Practice: Booking Big Project 3
Duration of the course	192 hours

2. Python

Course outline	<p>Python</p> <ul style="list-style-type: none"> - Basic concepts in Python - Built-in Functions in Python - Variables - Data types and structures - Strings - Integers and other numbers in Python - Boolean type - Magic Methods - Lists and Ranges - Looooooooooooops - Dictionaries - Tuples and Sets - Functions, lambda - Del statement / Joining strings - Error processing
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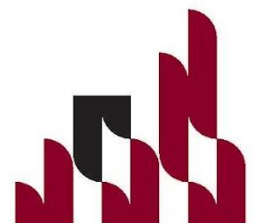
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Արեն Մեհրաբյան Հիմնադրամ ՀՀ, Երևան, Նոր Նորքի 5րդ զանգված, Ա.Միկոյան 15
Aren Mehrabyan Foundation 15 A.Mikoyan str, Nor Nork 5th District, Yerevan, Armenia
Mobile: +374 41 107148; e-mail: mher@arenmehrabyan.org; www.arenmehrabyan.org

	Advanced Python <ul style="list-style-type: none">- Python OOPs Concepts- Objects and classes- Magic methods in classes- Modules- JSON- Dates and times- Files, zip, csv- SQLite database- Virtual environments, PIP and Pipenv
Duration of the course	110 hours

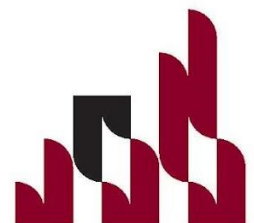
3. QA Automation

Course outline	Python <ul style="list-style-type: none">- Introduction to Python- Python and VSCode- Variables- Data Types- Basic Operators in Python- Conditional Code- Loooooooooooooops- Lists and Tuples- Set and Dictionary- Arrays- Functions, Lambda- Python PIP- Files and Modules- Tkinter Project Game /tic tac toe/- OOP (Object Oriented Programming)- Classes and Objects
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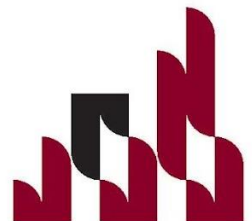
	Git and GitHub <ul style="list-style-type: none">- Get Started- Pull from GitHub- Push to GitHub- GitHub Branch- Pull Branch from GitHub- Push Branch to GitHub- GitHub Flow- GitHub Pages
	Selenium <ul style="list-style-type: none">- Introduction to Selenium/Python- WebDriver and Functions- Introduction to HTML and CSS- Web elements and locators /id, name, class, tag, xpath/- Selenium scripts- Parameterization and data-driven testing with Selenium and Python- Pytest framework- Headless browser testing, browser profiling, browser extensions- Selenium Grid and parallel testing- Debugging and troubleshooting Selenium scripts- Building an Automation project
	API <ul style="list-style-type: none">- Introduction to Web Services- REST API- Microservices VS Monolithic architecture- HTTP request methods: GET, POST, PUT, PATCH, DELETE- Requests library- HTTP status codes and response headers- Parsing and extracting data from HTTP responses- JSON and XML data formats in Requests- Handling binary data with Requests: images, audio, video- Building an Automation project



Duration of the course	106 hours

4. Node.JS

Course outline	JavaScript <ul style="list-style-type: none"> - JavaScript Fundamentals - Code quality - Objects: the basics - Data types - Advanced working with functions
	Advanced JavaScript <ul style="list-style-type: none"> - Object properties configuration - Prototypes, inheritance - OOP Concepts, Classes, ... - Error handling - Promises, async/await - Generators, advanced iteration - Modules
	Node.JS <ul style="list-style-type: none"> - Introduction to Node.js - Setting up Node.js - Node.js Modules - Node Package Manager (NPM) - Creating a Basic Server - Routing and Handling Requests - File System <p>- Database</p>

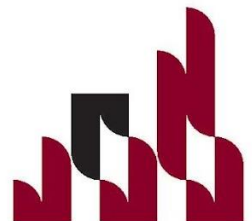




	<ul style="list-style-type: none">- PostgreSQL- MongoDB - Express.JS- Callbacks- Promises and async/await- Event Emitters- Working with Databases- API Integration - Practice: Project 1- Practice: Project 2
Duration of the course	192 hours

5. SolidWorks

Course outline	SolidWorks <ul style="list-style-type: none">- Introduction- Quick Start- Basic Part Modeling- Sketch Tools- Modifying Sketches- Reference Geometry- Adding fillets to a part- Advanced part Modeling- Hole Wizard- Blocks- Building Assemblies- Advanced Mates
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	<ul style="list-style-type: none">- In-Context Modeling- Using Design tables- Part Drawings- Dimensioning- Adding General Annotations- Assembly Drawing
	<p>Drawing</p> <ul style="list-style-type: none">- Projection- Coordinate System, Point,Line- Angle relationships and parallel lines- Simple geometric figures- Regular polygons- Plane- Prism, Prism section, Unfolded Rectangular prism, Unfolded Triangular prism, Unfolded truncated Prism- Cylinder, Cylinder section , Unfolded Cylinder,Unfolded truncated Cylinder- Pyramid, Pyramid section, Unfolded Pyramid,Unfolded truncated Pyramid- Cone, Cone section, Unfolded Cone, Unfolded truncated Cone- Sphere, Sphere section- Intersecting objects,Intersections- Three dimensional figures unfolded- Unfolded Cube, Unfolded truncated Cube- Tangency problems- Linear Perspective, Types of Linear Perspective- Perspective Drawing- Drawing requirements
Duration of the course	104 hours

