

A decorative graphic on the left side of the slide, consisting of a network of light green lines and small circles, resembling a circuit board or a stylized tree structure, set against a dark green background.

BECOME A CODER

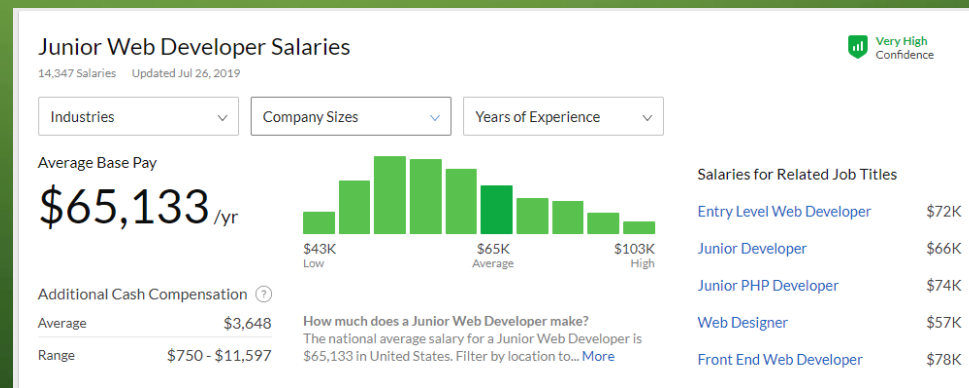
CODING AND WEB DEVELOPMENT COURSE

ABOUT ME

- Farjad Habib
- Bachelors in Computer Science
- 10+ years of experience in coding and application development
- Currently working in cloud space with Azure
- Like to hike and explore nature, watch TV, cars enthusiast, teaching
- Want to look me up
 - LinkedIn – <https://www.linkedin.com/in/farjadhabib/>
 - Twitter – @farjadhabib

WHY LEARN TO CODE

- There are several goals one wants to learn coding
 - To get a better job
 - To get better income
 - To have a career in technology
 - To become a role model
 - To learn the hot stuff in the market now
- Average Salary



BENEFITS IN DAILY LIFE



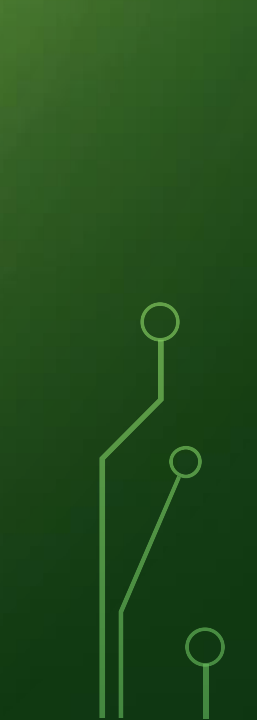
- It will help you become organized
- It will help you understand things better
- It will help you look at the things in a different way
- It will help you bring out your creativity
- Better work life balance
- Work from literally anywhere you can get your hands on internet
- Flexibility and freedom

WHAT YOU WILL LEARN

- Frontend Development and Concepts
- Backend Development and Concepts
- Coding from scratch
- Algorithms and Data Structure overview
- Github and versioning tool
- How to create a profile and portfolio



LECTURE STRUCTURE

- Theoretical Aspect
 - In-Lecture Exercise
 - Homework Assignment
 - Projects and market guidance
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NEXT FEW LECTURES

- HTML
- CSS/Bootstrap
- Javascript
- JQuery

WHAT IF I HAVE QUESTIONS

- You can send me your questions @ dev-questions@farjadhabib.com
- I check emails very frequently
- I will try to respond within 24 hours

FIRST DAY

- First step is to setup github account
 - Go to, <https://github.com/>
 - You will need a
 - Username
 - Email Address
 - Password
 - Verify the email address using the link sent in the email
 - Login to you github account

VISUAL STUDIO CODE & GIT BASH

- Download and install VS Code, <https://code.visualstudio.com/download>
- Download and install Git bash, <https://git-scm.com/downloads>
- Configure VS CODE extensions

CONFIGURING GIT BASH

- Git bash will be used to communicate with Github
- Create Repository and clone it locally
- Create new file
- Stage the file for commit
- Commit the file
- Push the file to the repository

USEFUL GIT BASH COMMANDS

- Following is the list of Git bash commands which are very useful
 - Ls – lists the contents of folder
 - Mkdir – makes new directory
 - Cd – change into different directory
 - Touch – create new file
 - Pwd – print working directory
 - Mv – rename file
 - Rm – remove a file
 - History – shows list of commands you have run
 - Cmd k – clears output in your terminal
 - Code – opens visual studio code

GIT BASH CONT...

- `git config --global user.name "Your Name"` `git config --global user.email "youremail@gmail.com"`
- Git clone – clone remote repository to local
- Git add – stages files for commit
- Git commit – commit files for the push
- Git push – pushes files to remote repository
- Git fetch – fetches list of new files in the remote repository
- Git pull – pulls and merges the files onto local

USING GIT WITH VS CODE

- Great for people who don't want to work with command
- Everything in the UI
- Setup Github with VS Code
- Setup Personal Access Token (PAT)