



# CodeGorilla

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Bootcamp syllabus

autumn 2018

# Bootcamp overview

- **Project management** Scrum, Trello
- **Front-end web development** HTML, CSS, Javascript,
- **Front-end frameworks** Bootstrap, VueJS, Angular, React
- **Back-end web development** PHP, Laravel
- **Web security** OWASP top-10
- **Databases** MySQL, SQL queries
- **Version control** Git, GitHub
- **Code Quality** Code conventions, design patterns
- **Deployment** Heroku, VPS
- **Soft skills** Presenting, feedback, attitude
- **Career and employment** CV, LinkedIn, assessments, pitching
- **Stretch goals** Java, .NET, Python, Ruby

## Learning resources

- **SoloLearn:** [www.sololearn.com](http://www.sololearn.com)
- **Codecademy:** [www.codecademy.com](http://www.codecademy.com)
- **Scrimba:** [www.scrimba.com](http://www.scrimba.com)
- **w3schools:** [www.w3schools.com](http://www.w3schools.com)
- **Free Code Camp:** [www.freecodecamp.org](http://www.freecodecamp.org)
- **The Odin Project:** [www.theodinproject.com](http://www.theodinproject.com)
- **Udemy:** [www.udemy.com](http://www.udemy.com)
- **Laracasts:** [www.laracasts.com](http://www.laracasts.com)
- **Cybrary:** [www.cybrary.it](http://www.cybrary.it)
- **Traversy Media:** [www.traversymedia.com](http://www.traversymedia.com)

## Code editors

- **Sublime Text:** [www.sublimetext.com](http://www.sublimetext.com)
- **Atom:** [atom.io](http://atom.io)
- **Visual Studio Code:** [code.visualstudio.com](http://code.visualstudio.com)

# Reference schedule

Week 1			
	Morning	Afternoon	Evening
Monday	Bootcamp startup	Self-study review	
Tuesday	Learn HTML5	Practice HTML5	
Wednesday	Learn CSS	Practice CSS	
Thursday	Learn Javascript	Practice Javascript	
Friday	Soft skills - CV	Skill test	
Saturday	Fix skill gaps	Social activity	
Sunday	Read HTML/CSS book	Prepare pitch	

Week 2			
	Morning	Afternoon	Evening
Monday	Pitches	Sololearn showcase	
Tuesday	Learn code conventions	Practice code conventions	
Wednesday	Learn Linux	Practice Linux	
Thursday	Learn version control	Practice GitHub	
Friday	Soft skills - LinkedIn	Portfolio mini project	
Saturday	Finish mini project	Prepare pitch	
Sunday	Read GitHub book	Prepare Q&A	

Week 3			
	Morning	Afternoon	Evening
Monday	Demo's + Q&A session	Introduction databases	
Tuesday	Learn SQL	Practice SQL	
Wednesday	Learn SQL	Practice SQL	
Thursday	Learn PHP core	Practice PHP core	
Friday	Soft skills - Pitch Training	Assessment training	
Saturday	Practice SQL	Practice PHP	
Sunday	Read Database book	Update portfolio	

# Reference schedule

Week 4			
	Morning	Afternoon	Evening
Monday	Learn Agile	Practice Agile	
Tuesday	Learn Scrum	Practice Scrum	
Wednesday	Learn PHP core	Practice PHP core	
Thursday	Learn PHP core	Practice PHP core	
Friday	Soft skills - Relationships	Scrum assessment	
Saturday	Fix scrum gaps	Fix scrum gaps	
Sunday	Read Scrum book	Find learning materials	

Week 5			
	Morning	Afternoon	Evening
Monday	Learn PHP core	Practice PHP core	
Tuesday	Learn PHP core	Practice PHP core	
Wednesday	Learn PHP OOP	Practice PHP OOP	
Thursday	Learn PHP OOP	Practice PHP OOP	
Friday	Soft skills - Job Market	Portfolio mini project	
Saturday	Finish mini project	Prepare pitch	
Sunday	Read OOP book	Prepare product demo	

Week 6			
	Morning	Afternoon	Evening
Monday	Introduction frameworks	Promote yourself	
Tuesday	Learn bootstrap	Practice bootstrap	
Wednesday	Learn debugging	Practice debugging	
Thursday	Learn datastructures	Practice JSON/XML	
Friday	Soft skills - Apply for job	Practice VueJS	
Saturday	Fix skill gaps	Try other frameworks	
Sunday	Read design patterns book	Design attractive slides	

# Reference schedule

Week 7			
	Morning	Afternoon	Evening
Monday	Progressive Web Apps	Practice progressive apps	
Tuesday	Learn Laravel	Practice laravel	
Wednesday	Learn Laravel	Practice Laravel	
Thursday	Learn Laravel	Practice Laravel	
Friday	Soft skills - Pitch Training	Portfolio mini project	
Saturday	Practice Laravel	Practice Laravel	
Sunday	Read MVC book	Update portfolio	

Week 8			
	Morning	Afternoon	Evening
Monday	Learn deployment	Practice VPS	
Tuesday	Learn software testing	Practice TDD	
Wednesday	Learn web security	Practice web security	
Thursday	Learn Heroku	Practice Heroku	
Friday	Soft skills - Apply for job	Teaming skill test	
Saturday	Fix skill gaps	Fix skill gaps	
Sunday	Read Security book	Generate project ideas	

Week 9			
	Morning	Afternoon	Evening
Monday	Project kickoff + teaming	Exchange ideas with others	
Tuesday	Team formation	Write project plan	
Wednesday	Submit project plan	Prepare your tools	
Thursday	Improve project plan	Submit final project plan	
Friday	Prepare your tools	Pitch project plan	
Saturday	One-day holiday	One-day holiday	
Sunday	Read management book	Prepare project pitch	

# Reference schedule

Week 10			
	Morning	Afternoon	Evening
Monday	Pitch + backlog planning	working with coach support	
Tuesday	Unsupervised working	Unsupervised working	
Wednesday	Coaching / feedback	Work with coach support	
Thursday	Unsupervised working	Unsupervised working	
Friday	Work with coach support	Submit weekly results	
Saturday	Keep working	Keep working	
Sunday	Simplify your product	Prepare demo	

Week 11			
	Morning	Afternoon	Evening
Monday	Demo + sprint planning	working with coach support	
Tuesday	Unsupervised working	Unsupervised working	
Wednesday	Coaching / feedback	Work with coach support	
Thursday	Unsupervised working	Unsupervised working	
Friday	Work with coach support	Submit weekly results	
Saturday	Keep working	Keep working	
Sunday	Cleanup product	Prepare demo	

Week 12			
	Morning	Afternoon	Evening
Monday	Demo + sprint planning	working with coach support	
Tuesday	Unsupervised working	Unsupervised working	
Wednesday	Coaching / feedback	Work with coach support	
Thursday	Unsupervised working	Unsupervised working	
Friday	Work with coach support	Submit weekly results	
Saturday	Keep working	Keep working	
Sunday	Polish product	Prepare demo	

# Reference schedule

Week 13			
	Morning	Afternoon	Evening
Monday	Sprint planning	Work with coach support	
Tuesday	Prepare product demo	Prepare product demo	
Wednesday	Coaching per project	Polish product demo	
Thursday	OFFICIAL PITCH DAY	Promote yourself	
Friday	Cleanup and finish tasks	Bootcamp end-party	
Saturday	One-day holiday	One-day holiday	
Sunday	Keep learning!	Get ready for your job!	

## Contact information

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