

# PrOgramming Languages Foundations & Practice

binding sequential declarative scope primitives pragmatics design decisions syntactic sugars Erlang denotational semantics axiomatic semantics types operational semantics invariants

Foundations &  
Pragmatics

Understanding the  
state of art

Learning the  
Foundations,  
Pragmatics and  
Principles

## Erlang Features

Concurrency  
Real time operation  
Purely Functional  
Distributed  
OTP Library  
Continous operation

Erlang is everywhere

## Practice

Applying the  
theory &  
Learnings  
through Weekly  
Assignments &  
Projects

Turing Award Articles  
& Lectures

Learning the Evolution,  
Understanding Decisions  
Analysing Design  
Making Future  
Predictions