COMP 430
Spring 2020

Personal Assessment

Name: _____ **Student ID #:** _____

On a scale of 1 - 10, where 1 is "nonexistent" and 10 is "I'm an expert", rate your skill level on the following:

Version control: _____ Git: _____ Testing: _____ Languages: _____

Circle the (likely) non-trivial features you'd be interested in working on. Features indicated in **bold** are those that are forms of abstraction of computation.

Language-agnostic Features

Low-level target	General Optimizations	**eval**	

Traditionally Imperative Features

Vector-based Operations	Pointers	**Function Pointers**	

Traditionally Object-Oriented Features

Class-based Inheritance	**Prototype-based Inheritance**	Access Modifiers	Method Overloading
Operator Overloading	Subtyping	Generics / Generic Programming	RAII

Traditionally Functional Features

Higher-order Functions	Pattern Matching	Algebraic Data Types	Type inference
Lazy evaluation	**Type classes**	Tail-call Optimizations	

Traditionally Logical Features

Nondeterministic Execution	Unification		

Use the space below to write down any other features of interest, along with any other information you feel is relevant. Use the remainder of the space to write down the names of people you think would be a good fit.