

Project Proposal

subject: Development of C# MetaFactory Patterns

supervisors:

Marnix van Bochove (MetaFactory - technical guidance)
Tony Koeleman (MetaFactory - administrative guidance)
Bob Diertens (UvA)

programs: bachelor Computer Science

required knowledge:

C# programming skills
Java, AngularJS is optional
conceptual thinker

system: Windows, OSX (BYOD)

description:

MetaFactory (see www.metafactory.nl) is a Software Development Automation tool. With MetaFactory a software engineer can produce his/her own code based on MetaFactory patterns. The MetaFactory patterns can be adjusted by the software engineer to its full extent. With MetaFactory the productivity and quality of software engineering will improve dramatically. MetaFactory is from origin an SDA tool for administrative Java programs. At MetaFactory we are exploring the possibilities to make MetaFactory source code independent. The proof of the pudding is in creating C# patterns to produce a fully operational C# program. At MetaFactory a demo AngularJS/Java bookstore application is produced based on AngularJS and Java patterns. The challenge is to create C# patterns that the same bookstore application can be run in C#.

See also the description on <https://www.metafactory.nl/bachelor-computer-science-graduation-project/>.

An allowance for travel expenses and other costs is available.

assignment:

Proof that MetaFactory can produce a fully operational C# program based on MetaFactory patterns.