S6 Reading Guide

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# Introduction

Hello, I'm Jordy Walraven, currently in my sixth semester at Fontys, where I'm studying Software Engineering—a field that truly ignites my passion. Alongside College, I've had the privilege of gaining practical experience at two companies.

The first company I worked at was [SignalRGB](https://signalrgb.com/), where I worked as a coder, crafting intricate light scripts for their software. These scripts brought life to HTML canvases, illuminating RGB devices with dynamic visuals. You can find one of my many effects [here](https://youtu.be/mgp2UWb2q14?si=mSw0CL8NBevIf7fx). After 1.5 years of work, I transitioned to an internship at [CodeOwners](https://www.codeowners.eu/), which seamlessly evolved into a part-time software engineering position. Here, I contribute to a cutting-edge SAAS application leveraging technologies like GraphQL, Angular, NestJS, and NX Monorepo.

As I progress into this semester, my focus is on mastering the creation of a scalable applications from scratch—a skillset that will significantly complement my professional journey. While my current role at CodeOwners involves contributing to a scalable application, I aim to delve deeper into the architecture and deployment aspects, empowering myself to architect and deploy such solutions independently.

Furthermore, I am looking forward to learn about asynchronous communication between services and other scalable technologies.

# Projects

This semester I will be working on 2 projects, one of which is an individual project where I’ll improve my personal skills, and a group project where I’ll improve communication skills and improve my knowledge about enterprise software

For my individual project I will be making a web application, this is an application where pc-gamers can assess and compare their pc’s. In this application a pc-gamer can recreate their pc with different part picker and manage their pc, they will also be able to share their PC with other. A PC-gamer can also submit their performance stats for a specific game. This means that other users can get insight into how a game performs based on the performance of other users.

For my group project we will be making a data extraction application that can extract structured data from unstructured files. Our stakeholder is a company named [Nelissen](https://nelissenbv.nl/), this company is an engineering firm that specializes in created durable buildings.