About SIG
SIG is a tool-based software analysis and consulting firm that advises clients on Software Quality, Software Risk and Software Economics. We provide management with a fact-based insight into their current IT situation, along with pragmatic and actionable recommendations on how to improve that situation. We know how to refactor code, govern software projects effectively, use modern tooling and development platforms, apply software metrics, and how to control cost. We perform both in-depth technical analysis and management level financial analysis and consolidate the two. Our Research team advances the state of the art in software research.

SIG has ample experience in hosting Master-thesis projects, as we host between 5 and 10 MSc students each year. We are proud of the 8.5 average graduation grade of our interns. Also, many current employees of SIG have been a research intern with us in their early careers.

Position
As a MSc Research Intern you are embedded within one of the teams at SIG. Which team exactly depends on your topic of interest; ranging from development, consulting, basic research, or a combination. Your team cares about your topic and can guide you on the relevance and applicability of your work. You are also supervised by a member of SIG’s Research team, who will stay in contact with the academic supervisor from your educational program.

Contact our Head of Research, Magiel Bruntink, to discuss available topics or your own ideas: m.bruntink@sig.eu or +31 20 314 0950.

During the internship, we expect you to reach the following two goals:

• Grow and learn! Find out everything there is to know about your topic. Relate what you learn to applications in the software industry, in particular at SIG. Learn to observe scientific standards in your work, and learn how to communicate your results.

• Graduate! We support you in meeting the requirements of your educational (master) program, for instance by focusing the supervision on research design, literature search, and thesis writing.

Profile
→ In graduation phase of a Master program Computer Science, Artificial Intelligence, Software Engineering, Information Science, or similar.
→ Strong motivation for doing research in an applied environment.
→ Able to communicate well in English, both verbally and in writing.
→ Strong analytical skills and academic abilities to become an expert in your topic.
→ Programming and data analysis skills are needed for most topics.

What we offer
→ Hosting at our office in Amsterdam for the duration of your internship.
→ Supervision by researchers and experts in the field.
→ Compensation (stagevergoeding).