Demographics

D1: What is your age (in years)?

| |
| |

D2: What is your sex/gender?

- ☐ male
- ☐ female
- ☐ diverse
- ☐ don't want to answer

D3: What is your handedness?

- ☐ left
- ☐ right
- ☐ both

D4: Do you have a color vision deficiency?

- ☐ Yes
- ☐ No
- ☐ Don't want to answer

D5: Do you have trouble concentrating or reading ?

	very little	little	sometimes	often	very often
Concentration					
Reading					

D6: What is currently your profession?

- ☐ University student (undergraduate, bachelor)
- ☐ University student (graduate, master)
- ☐ University employee (PhD, postdoc, professor)
- ☐ Professional programmer, developer
- ☐ Other: _____

D7: What is your formal education in computer science, software engineering?

- ☐ No formal qualification, self-taught
- ☐ Vocational training program, course
- ☐ University degree (undergraduate, bachelor level)
- ☐ University degree (graduate, master level)
- ☐ University degree (graduate, PhD level)
- ☐ Other: _____

Programming Experience Questionnaire

Q1.1: How many years have you worked at a company or studied in a tech-related field?

- ☐ 0 - 5 years
- ☐ 5 - 10 years
- ☐ 10 - 15 years
- ☐ ≥ 15 years

Q1.2: How long have you been learning programming (in years)?

_____ years

Q1.3: How long have you been programming professionally (in years)?

_____ years

Q2.1: Which programming languages are you familiar with?

Q2.2: Which programming languages are you most experienced in?

Q2.3: Which programming language(s) are you currently working with?

Q2.4: How many years have you been programming in Java?

_____ years

Q2.5: How experienced are you with the following programming paradigms?

	very inexperienced	inexperienced	mediocre	experienced	very experienced
logical (Prolog)	☐	☐	☐	☐	☐
functional (Haskell)	☐	☐	☐	☐	☐
imperative (C)	☐	☐	☐	☐	☐
object-oriented (Java)	☐	☐	☐	☐	☐

Q2.6: How do you estimate your programming experience with other students in your study year and programmers with 10 years of experience?

	much worse	worse	identical	better	much better
Other Students	☐	☐	☐	☐	☐
Programmers	☐	☐	☐	☐	☐

Part 3: On General Interest in Programming

Q3.1: Which of the following technical/programming specific content do you regularly <u>consume</u>?

☐ Online Courses/Seminars
☐ Video Tutorials (Youtube,...)
☐ Articles / Books
☐ Tech News
☐ Other: _____
☐ None

Q3.2: Which of the following technical/programming specific content have you <u>produced</u> in the past?

☐ Online Courses/Seminars
☐ Video Tutorials (Youtube,...)
   → Do you produce video (tutorial) content on a regular basis?   Yes _____ No _____

☐ Articles / Books
(more options on the next page)

☐ Contribution to open-source projects
    → If yes:
        How many Open-Source projects have you worked on so far? _____
        How many lines of code did these projects have on average? _____

☐ own software (for private use or in the form of a software product etc.)
    → If yes:
        How many private projects have you worked on so far? _____
        How many hours per project on average? _____

☐ Other: _____
☐ None

Q4.1: How much time do you typically spend on the following activities per week?

Total work time per week (in hours): _____h
(We need this value to calculate the percentages of the following values.)

    ☐ Meetings: _____h
    ☐ Code reviews/Process   _____h
    ☐ Programming   _____h
    ☐ Tests   _____h
    ☐ Deploy/Operations   _____h
    ☐ Mentoring   _____h
    ☐ Learning/Training   _____h
    ☐ Other:_____

Q4.2: Your primary development includes (check all that apply)
    ☐ Apis
    ☐ Front-end
    ☐ UI design
    ☐ Automation testing
    ☐ Database
    ☐ Data analysis
    ☐ Configuration management and orchestration
    ☐ CI/CD
    ☐ Security
    ☐ Other:

_____