

SOFTWARE DEVELOPER

HUY QUACH CS:20

REQUIRED EDUCATION/TRAINING

To be a Computer software developer, you require a bachelor's degrees in computer science or software engineering. There are significant math requirements that include calculus, differential equations, and linear algebra. A sequence in physics is also required.

PROGRAMMING LANGUAGES

- It will almost be mandatory for a senior developer to learn more than one language
- Interviewers will pay more attention to people who have experience with languages like C++, Java, Python, and Scala

JOB DESCRIPTION

- You'll often work for computer firms and manufacturers
- Your main role is to create the foundations for operative systems where Computer Programmers work
- You design, write, and test code for new systems and software to ensure their efficiency
- A Software Developer is overall involved in all the processes related to creating and designing new systems, from initial planning, to establishing parameters, designing, writing, coding, encrypting, and testing



For more information, visit <https://www.thebalancecareers.com/software-developer-job-description-salary-and-skills-2061833>

PAY SCALE

- On average, a Software Developer's hourly rate is C\$25.03, with a annual salary of C\$65,140
- For an entry level, the hourly rate is C\$21.50, and an annual salary of C\$54,006
- For an experienced level, the hourly rate is C\$56.32, and an annual salary of C\$88,120

SASKATCHEWAN EMPLOYERS

Potential Saskatchewan Employers

- Randstad Canada (Saskatoon)
- University of Saskatchewan (Saskatoon)
- SED Systems (Saskatoon)
- Avacend (Regina)
- Mentor Graphics (Saskatoon) and more...

PROS AND CONS

Pros

- They earn pretty good salaries
- The demand for jobs is high
- Never too late to become a Developer, the average age of developers are 25-34 years old

Cons

- Because the salaries are good, the competition for jobs is high
- Hours can be long but if you enjoy your job this won't be a problem
- There's always more to know, 90% of of developers say they've taught themselves a new language

