**Senior Software Engineer**

**Apply Now**

Company: Intel

Location: Poland

Category: computer-and-mathematical

**Job Description**

The Systems Architecture and Engineering nbsp - (SAE) group specializes in Security and System's Architecture innovation. Our group strives to solve customer problems and create cutting edge products and solutions that keep Intel competitive.

What You'll Be Doing:

Developing libraries that expose silicon features' value through software APIs so silicon products may be easily consumed by the relevant ecosystem including partners, open source communities, customers, and users.

Creating libraries that enable silicon features functionality, performance, security, reliability, and scalability across silicon products such as CPU, GPU, VPU, FPGA, and/or others and can be done in the context of multiple application domains such as crypto, security, AI, DSP, math, vision, graphics, networking, I/0, and storage.

Focusing on the full SW life cycle with SW requirements, architecture/design, implementation, test and validation, system and platform integration, benchmarking, and/or customer/user collateral development.

Collaborating with silicon design teams to codesign optimized silicon and software solutions and support customer facing teams with SW libraries expertise.

Conducting or participates in multidisciplinary research and collaborates with design, layout

and/or hardware engineers in the design, development, and utilization of productivity enhancement layout tools.

Designing rule checkers and electronic data processing systems software and determines computer user needs.

Advising hardware designers on machine characteristics that affect software systems such as storage capacity, processing speed, and input/output requirements, and designs/develops compilers and assemblers, utility programs, and operating systems.

**Qualifications**

Minimum Qualifications:

You must possess a Bachelor's degree in Electrical Engineering or Computer Engineering or related discipline and 4+ years of relevant work experience;

OR Master's degree in Electrical Engineering or Computer Engineering or related discipline and 3+ years of relevant work experience;

OR PhD in Electrical Engineering or Computer Engineering or related discipline and 1+ years of relevant work experience in the following:

Programming experience in C/C++

Knowledge in scripting languages, tools (Python)

Debug and testing

Performance optimization

Data analysis skills

Low-level programming skills with Assembly language

AND One out of the three following skills:

Linux Kernel Development (Minimum 2 years)

Compression Development (Minimum 2 years)

Crypto Development (Minimum 2 years)

Preferred Qualifications:

Experience in x86 assembly is a plus

Silicon design and validation experience is a plus

Open Source Development

Development in a Windows Environment

**What we offer:**

At Intel, we offer a collaborative, supportive environment, where your equally brilliant colleagues will push you to be your best. There's no fear of failure - we know that's how innovation happens, and you'll never be bored.

We offer competitive benefits and pay, opportunities for professional development and the flexibility you need to achieve balance. Intel fosters a collaborative environment allowing the brightest minds in the world to come together to achieve exceptional results.

**Competitive pay and Benefits:**

Including stock programs, Quarterly Bonuses, Employee Pension Plan, Medical plan and life insurance, Peer to peer recognition, Lunch card, Multisport Card/Holiday card, Groups of enthusiasts, Exclusive employee discounts, (online) events and many more.

**Opportunities for professional development and growth:**

You will work in an international environment within a group of the best professionals in the world, working with the newest technologies. You'll have a chance to take part in advanced development programs, conferences and have free access to a wide library of classroom and online courses, covering both soft and technical skills.

**Life and Community:**

We offer opportunities for employees to refresh and recharge- flexible working time, benefits and services that support your wellbeing, and the chance to participate in Intel's Great Place

to Work program which gathers people who love running, cycling, squash, tennis, cross fit, photography, and many more.

Our internships offer students a chance to get real-world experience through participation in projects from day one, as well as the opportunity to develop a wide network of industry contacts.

We guarantee you will be working in a safe environment, in an organization which profoundly understands the current health situation worldwide. At both our offices and in your home, the security and wellbeing of you and your family is our utmost responsibility.

Materials important for you - to learn more about Intel.

Learn more about Intel in Poland:

Intel Security Architecture and Engineering (SAE) is chartered with developing a comprehensive understanding of current and future security threats, guiding research, and developing solutions and mitigations. SAE develops security architecture and implementation across Intel products.

**Posting Statement**

All qualified applicants will receive consideration for employment without regard to race, color, religion, religious creed, sex, national origin, ancestry, age, physical or mental disability, medical condition, genetic information, military and veteran status, marital status, pregnancy, gender, gender expression, gender identity, sexual orientation, or any other characteristic protected by local law, regulation, or ordinance.

**Benefits**

We offer a total compensation package that ranks among the best in the industry. It consists of competitive pay, stock, bonuses, as well as, benefit programs which include health, retirement, and vacation. Find more information about all of our Amazing Benefits

This role is available as a fully home-based and generally would require you to attend Intel sites only occasionally based on business need. This role may also be available as our hybrid work model which allows employees to split their time between working on-site at their

assigned Intel site and off-site**In certain circumstances the work model may change to accommodate business needs.**

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