

REGULAR PEOPLE



AMAZING INFRASTRUCTURE



COMPLEX CODE

```
struct BeGuidIdNullsLast : BeGuidId
{
    BeGuidIdNullsLast() {}
    BeGuidIdNullsLast(BeGuidIdCR guid) : BeGuidId(guid) {}
    bool operator<(BeGuidIdNullsLast const& rhs) const;
};

using XvScheduleRelation = std::tuple<uint64_t, uint64_t>;
using XvScheduleRelations = std::vector<XvScheduleRelation>;
XvScheduleRelations m_relations;

inline Utf8String toString(BeGuidIdCR s) { return IsValid(s) ? s.ToString() : "Invalid"; }
template<size_t...I> inline auto tiedComparator(XvScheduleRelation r)
{
    return std::tie(std::get<I>(lhs)...);
}

void XvSchedule::ValidateRelationships()
{
    if (IsNull(m_relations))
        return;

    const auto cmpPart = tiedComparator<0, 1>;
    const auto cmpFull = tiedComparator<0, 1, 2>;

    std::sort(m_relations.begin(), m_relations.end(), cmpPart);
    auto place = m_relations.begin();
    for (auto it = place; it != m_relations.end(); ++it)
    {
        if (place != it)
            continue;
        place = it;
    }
}
```



Bentley Systems offer internships and permanent positions in our **Kaunas** and **Vilnius** offices.

Software Engineer. Do you aspire to develop smart solutions using all your brains and the newest technologies? Do you have some experience writing code with C++, .Net or mobile technologies? If so, join our team of Software Engineers.

Software Quality Analyst. Are you passionate about the software quality? Do you have some knowledge of SQL, networks and software quality analysis? We have a place for you in our team of Software Quality Analysts.

Software Engineer in **Test Automation Services.** Are you interested in newest technologies, process & tasks automation, tools & frameworks creation, or you want to work with the big data? Do you have some

experience writing code in C++ or .NET, creating unit tests? If so, join our team of Software Engineers in Test Automation and Performance Testing.

It is a great opportunity:

- You will do real tasks in challenging projects and use the newest technologies;
- You will have a personal mentor to support you;
- We offer a flexible work schedule if you need to combine work and studies;
- Three-party agreement with University is not mandatory;
- We pay salary to our interns;
- Most of interns stay at Bentley as permanent colleagues after their internships;
- Much fun is also guaranteed!

Bentley Systems Lithuanian Branch is one of the most important development centers of worldwide software development company Bentley Systems. Main activity of the company is to create software to be used by engineering companies for large infrastructure projects. We use the most progressive technologies to meet needs of Bentley users. You can find more information and see some nice examples of what was done using Bentley products at www.bentley.com.

If you are interested, please apply at praktika@bentley.com