

exocad is a leading dental software company, continuously pushing the boundaries at the forefront of digital dentistry. Founded in 2010 as a spin-off of the world-famous Fraunhofer Institute for Computer Graphics Research and now part of [Align Technology](#), we develop CAD software solutions for the dental industry. Labs and clinics in more than 150 countries rely on our software portfolio to design and create both functional and esthetic dental restorations. Find out more about us and our products at [exocad.com](https://www.exocad.com).



To strengthen our Align/exocad Advanced Technology Development Team in Darmstadt we are looking for you as a

Senior C++ Software Engineer (m/f/d)

As Senior C++ Software Engineer you will be responsible for the development & integration of cutting-edge solutions into Align's 3D C++ CAD platforms for some of the most difficult problems in dentistry, whether in visualization, simulation, analysis and other areas to help Align Technology provide better Orthodontic, Restorative, Image Capture, Simulations, Treatment Planning, Visualizations, Manufacturing solutions to our patients, partner dentists and laboratories.

This is a role where the engineer shall provide solutions for our products' evolution. It requires a deep technical foundation in 3D, image processing, computer science & software engineering. It requires a strong ability to focus on challenging creative projects.

In this role, you will...

- Development of algorithms, prototyping and validation of software solutions
- Design, development, debugging and documentation of software components
- Imagine & Analyze the product needs of customers
- Synthesize requirements and create effective roadmaps

- Design & Develop algorithms, prototype and validate solutions
- Interact with the customers, product managers, R&D teams, including to transition solutions from Research to Development
- Cooperate with platform leaders to build integrated solution that will become part of the mainstream Align platforms

The personal requirements

- Bachelor's, Master's degree or Ph.D. in a relevant discipline (CS, Math) with work or research experience
- 6+ years of experience as part of a team of Engineers in Software Research
- 6+ years of practical professional coding experience in C++ or similar language
- Proficient in Analytical Geometry & Linear Algebra at University Level
- 3D or CAD development experience highly appreciated
- Willingness to comply with processes required for a medical device Class II SDLC
- Strong communication and interpersonal skills required with the ability to interface with product teams, as well as internal/external customers
- Experienced in developing software in an Agile SDLC
- Ability to communicate with people, to clearly express thoughts
- Excellent verbal and written English

What we offer you

- Exciting and wide range of tasks in a dynamic and growth-oriented software company
- Flat hierarchies and efficient decision-making processes
- A positive working atmosphere that promotes both individual freedom and responsibility
- Strong team spirit
- Modern offices and cutting-edge work equipment
- Flexible working and home office
- Education and training
- Sport and work life balance
- Free drinks and snacks
- Canteen with own cook
- Corporate events
- Job ticket

Want to join?

If this position excites you and fits your qualifications and professional goals, we look forward to receiving your application.

Please use our online form to apply:

[Online application](#)

For questions, please contact us:

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