

3D Software Engineer

Burlington, MA or Remote



LightForce Orthodontics is a digital platform providing orthodontists with fully customized, 3D printed tooth-moving tools.

Founded in 2015 by Dr. Alfred Griffin, DMD, PhD, MMSc along with Dr. Lou Shuman, DMD, LightForce is revolutionizing the specialty through advanced manufacturing and technology. After four years of extensive research and development, LightForce launched their first product to the Orthodontic market- the world's first, and only, fully customized 3D printed bracket system and digital treatment software. Learn more at www.lightforceortho.com.

I know what you're thinking. Perhaps the Orthodontics industry isn't what you were looking for. If I am being honest, that's what I initially thought. But the more I learned, the more I started to see the exciting and massive opportunity. Imagine an industry that hasn't changed in 50 years. This space is old, slow, and ripe for a team of creative and passionate people to do something BIG. We have a very real and rare opportunity to truly build a company from the ground up and disrupt a \$2B industry. There aren't many startups in Boston that can honestly say that

As a Software Engineer at LightForce, you will drive our vision for growth and help us revolutionize the Orthodontic profession. Working directly with Product Management and a small scrum team you will design, implement, test and maintain features on our cutting edge graphics front end, C++ backend, and SAAS software that enables doctors to scan, plan and manufacture custom braces for their patients.

LightForce Orthodontics hires committed, self-motivated associates and then gives them the freedom and flexibility to do great work. You will help to grow a fantastic tech company, to advance the orthodontic profession, and to provide positive health benefits to patients.

Essential Duties and Responsibilities

- You will own design, implementation, testing and delivery of software to production
- You will be able to take customer feedback and translate it to software requirements
- Be able to work independently, self-learn and troubleshoot issues
- Collaborate with other developers via code reviews and occasional pair programming

Education and Experience

- BS in Computer Science, Software Engineering, or a related quantitative field
- Experience with 3D graphics and/or visualization technologies (THREE.js/WebGL/OpenGL, VTK, C++ or other libraries)
- Experience developing web based front end applications (Angular2+, Typescript)

Qualifications

- Familiarity with AWS or similar cloud providers
- Conscientious team member and independent worker, experienced working within a scrum team
- Effectively communicates inside and outside of the R&D function

Perks

- Flexible vacation
- Generous premium coverage for medical, dental, and vision plans
- Retirement benefits / accounts
- Pre-tax commuter benefits program
- Paid parental leave
- Workplace perks such as food/coffee and flexible work schedules

To perform this job successfully, an individual must be able to perform each essential duty satisfactorily. The requirements listed above are representative of the knowledge, skill, and/or ability required. Reasonable accommodations may be made to enable individuals with disabilities to perform the essential functions.

LightForce Orthodontics is an Equal Opportunity/Affirmative Action Employer and does not discriminate on the basis of race, color, religion, gender, age, national origin, disability, Protected Veteran status, sexual orientation, or any other characteristic protected by federal, state or local law.