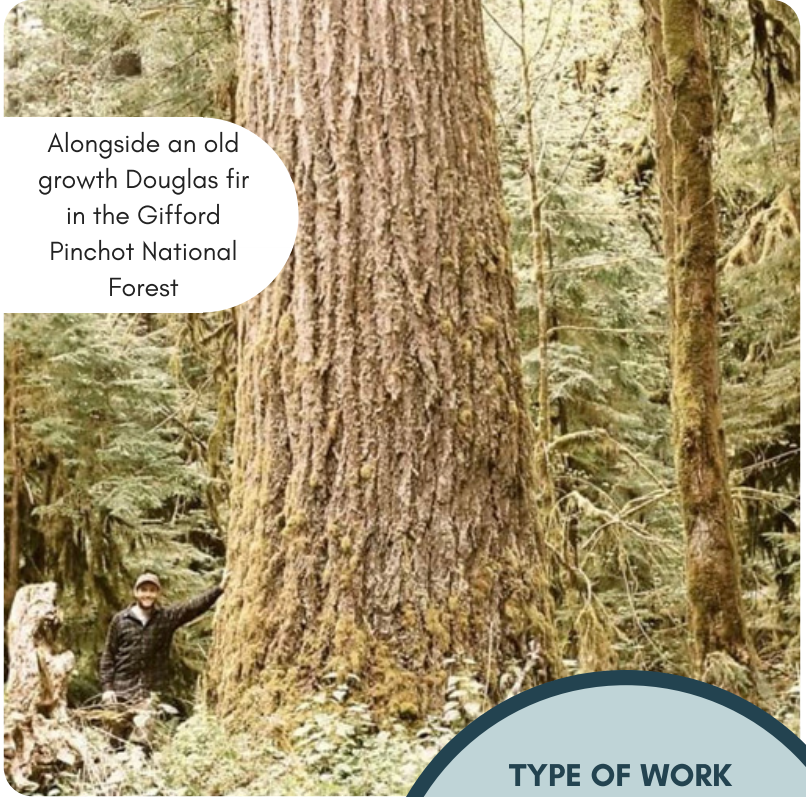




Alongside an old  
growth Douglas fir  
in the Gifford  
Pinchot National  
Forest



### **TYPE OF WORK**

I establish forest plantations after harvest and ensure that desired stocking levels are maintained as the plantation grows.

Jacob Sullivan  
**Silviculture Forester**  
*Port Blakely*



# Silviculture Forester



**TYPICAL DAY:** I start early to get to the work site just after sunrise in order to prepare measuring tools and gear for the day's work. I spend the majority of my time outside collecting data on plantation inventory. I also work with contractors to ensure that they are following project specifications. When I'm in the office, I update Geographic Information System (GIS) data and plan upcoming thinning projects to remove invasive and overstocked species to maintain desired stocking levels of plantation trees.

## CAREER PATHWAY:

I graduated from Western Washington University with a Bachelor of Science in Environmental Studies. After graduation, I moved to Texas to work as a field technician for a Texas A&M graduate student collecting data to update the range map and habitat model for two endangered bird species. Next, I spent four years working as a Timber Cruiser collecting forest inventory data. I wanted to learn more about forestry and found this Silviculture Forester position at Port Blakely.



Breeding orchard on a new selection of Douglas fir trees

### IMPORTANT SKILLS

Knowledge of landscape ecology and plant biology, basic mathematics, and understanding of Geographic Information Systems (GIS).

### EDUCATION

Bachelor's Degree

### SALARY RANGE

\$50,000-\$75,000

### TOOLS OF THE TRADE

Range finder, relascope, clinometer, compass, loggers tape, tree borer, GIS maps, supportive and waterproof footwear,

"I love working outdoors and growing a useful product in a beautiful landscape."  
- Jacob Sullivan