

## PLAYER PROFILE



**ALEX**  
BIOPROCESS  
TECHNICIAN

## INTERESTS

### COOKING

- ▶ Curiosity
- ▶ Creativity
- ▶ Experimentation
- ▶ Innovation

### ADVANCED MANUFACTURING

- ▶ Problem Solving
- ▶ Collaboration
- ▶ Communication
- ▶ Flexibility
- ▶ Open-mindedness
- ▶ Agility
- ▶ Resilience
- ▶ Strategy



**1**

**EXPERIENCE:**  
MICROELECTRONICS  
BOOTCAMP

#### SKILL GAINED:

- +1 Wire & Ribbon Bonding
- +1 Assembly Techniques
- +1 Waste Reduction

**2**

**JOB:**  
MICROELECTRONICS  
TECHNICIAN

#### SKILL GAINED:

- +2 Circuit Components
- +1 Microscopy & Analysis
- +1 Component Assembling

**3**

**JOB:**  
BIOFABRICATION  
TECHNICIAN

#### SKILL GAINED:

- +1 Process Development
- +1 Deep Tissue Characterization
- +1 Lab Operations

**4**

**JOB:**  
BIOPROCESS  
TECHNICIAN

#### SKILL GAINED:

- +1 Cell Culture Techniques
- +1 Data Analysis
- +1 Hazardous Material Handling



**biofabusa**

## CURRENT JOB OPENINGS

113



## PROJECTED 5-YEAR DEMAND

570



## NATIONAL AVERAGE SALARY

\$58,549



## SKILLS GAINED

- +1 Bioprocess operations
- +1 Cell culture techniques
- +1 Aseptic techniques
- +1 Current Good Manufacturing Practices (cGMP)
- +1 Centrifuge operations
- +1 Fermentation systems
- +1 Sterile processing
- +1 Inventory management systems
- +1 Bioreactor operations
- +1 Wet lab techniques
- +1 Clean room procedures
- +1 Detail-oriented
- +1 Problem-solving
- +1 Troubleshooting
- +1 Process improvement methodologies

SCAN FOR MORE  
MODERN MAKERS  
INFO!



# CAREER PATHWAYS

ALTERNATE CAREERS FOR:

**BIOPROCESS TECHNICIAN**

## CLINICAL LAB TECHNICIAN



### CURRENT JOB OPENINGS

146



### PROJECTED 5-YEAR DEMAND

730



### NATIONAL AVERAGE SALARY

\$56,441



### SKILLS GAINED

- ▶ Patient Samples
- ▶ Inventory Management
- ▶ Calibrate Lab Equipment
- ▶ Experiment Design
- ▶ Collaboration With Medical Staff
- ▶ ELISA Processing

## QUALITY CONTROL ANALYST



### CURRENT JOB OPENINGS

632



### PROJECTED 5-YEAR DEMAND

3,190



### NATIONAL AVERAGE SALARY

\$56,804



### SKILLS GAINED

- ▶ Measurement Tools
- ▶ Testing Equipment
- ▶ Inspection Systems
- ▶ Statistical Analysis
- ▶ Documentation
- ▶ Quality Data Systems

## FACILITIES OR QUALITY ASSURANCE MANAGER



### CURRENT JOB OPENINGS

2,901



### PROJECTED 5-YEAR DEMAND

14,550



### NATIONAL AVERAGE SALARY

\$85,100



### SKILLS GAINED

- ▶ Sterilization Procedures
- ▶ Quality Management Systems
- ▶ Compliance Tools
- ▶ Statistical Analysis
- ▶ Staff Management
- ▶ Inspection Planning Software

\* Current Job Openings and Projected 5-Year Demand numbers reflect the total from:

- SOC 19-4021, Biological Technicians
- SOC 29-2012, Medical and Clinical Laboratory Technicians
- SOC 19-4099, Life, Physical, and Social Science Technicians
- SOC 11-3051, Industrial Production Managers