

## PLAYER PROFILE



**ASHLEY**

TECHNOLOGY  
MATURATION MANAGER

## INTERESTS

### ARTS & CRAFTS

- ▶ Creativity
- ▶ Curiosity
- ▶ Imagination
- ▶ Problem-solving

### PUBLIC ENGAGEMENT

- ▶ Additive manufacturing
- ▶ Social skills
- ▶ Event planning
- ▶ Communication
- ▶ Workforce development
- ▶ Curiosity
- ▶ Community engagement
- ▶ Organization and planning
- ▶ Public speaking
- ▶ Leadership

START

PUBLIC  
ENGAGEMENT

CRAFTING

CURRENT  
LEVEL

1

**HS CLASS:**  
STEM

### SKILL GAINED:

- +1 Math
- +1 Science
- +1 Curiosity

2

**STUDYING:**  
ENGINEERING

### SKILL GAINED:

- +1 Industrial engineering
- +1 Solving technical problems
- +1 Teaching

3

**JOB:**  
ENGINEERING PROJECT  
MANAGER

### SKILL GAINED:

- +1 Project management
- +1 Additive manufacturing
- +1 Public speaking

4

**JOB:**  
SENIOR PROJECT  
ENGINEER

### SKILL GAINED:

- +1 Education and workforce
- +1 Additive manufacturing
- +1 Communication

## CURRENT JOBS

3,541,740



## PROJECTED 5-YEAR DEMAND

1,513,691



## NATIONAL AVERAGE SALARY

132,800



## SKILLS GAINED

- +1 Communication
- +1 Creativity
- +1 Critical Thinking
- +1 Curiosity
- +1 Imagination
- +1 Leadership
- +1 Multitasking
- +1 Project Management
- +1 Social Skills
- +1 Manage People
- +1 Problem Solving
- +1 Program Development
- +1 Solving Technical Problems
- +1 Strategizing
- +1 Teamwork
- +1 Public Speaking
- +1 Organization
- +1 Planning

Based on 2024 Q1 reports

SCAN FOR MORE  
MODERN MAKERS  
INFO!



# CAREER PATHWAYS

## ALTERNATE CAREERS

## TECHNOLOGY MATURATION MANAGER

### MATERIALS ENGINEER



#### CURRENT JOBS

22,266



#### PROJECTED 5-YEAR DEMAND

7,478



#### NATIONAL AVERAGE SALARY

113,100



#### SKILLS GAINED

- ▶ Analytical or scientific software
- ▶ CAD/CAM software
- ▶ Development environment software
- ▶ Object or component-oriented software
- ▶ Operations analysis
- ▶ Quality control analysis
- ▶ Systems analysis
- ▶ Operations monitoring

### DESIGNER



#### CURRENT JOBS

32,820



#### PROJECTED 5-YEAR DEMAND

11,184



#### NATIONAL AVERAGE SALARY

83,800



#### SKILLS GAINED

- ▶ Analytical or scientific software
- ▶ CAD/CAM software
- ▶ Development environment software
- ▶ Graphical user interface development software
- ▶ Object or component-oriented software
- ▶ Operations analysis
- ▶ Technology design
- ▶ Systems analysis and evaluation

### ADDITIVE MANUFACTURING TECHNICIAN



#### CURRENT JOBS

68,539



#### PROJECTED 5-YEAR DEMAND

32,080



#### NATIONAL AVERAGE SALARY

68,300



#### SKILLS GAINED

- ▶ Analytical or scientific software
- ▶ CAD/CAM software
- ▶ Development environment software
- ▶ Enterprise application integration software
- ▶ Industrial control software
- ▶ Object or component-oriented development software
- ▶ Systems analysis and evaluation
- ▶ Operations analysis
- ▶ Quality control analysis
- ▶ Technology design

### MACHINIST



#### CURRENT JOBS

330,362



#### PROJECTED 5-YEAR DEMAND

161,091



#### NATIONAL AVERAGE SALARY

56,000



#### SKILLS GAINED

- ▶ Analytical or scientific software
- ▶ CAD/CAM software
- ▶ Industrial control software
- ▶ Procedure management software
- ▶ Operation and control
- ▶ Operations monitoring