

PLAYER PROFILE



EMILY

CO-FOUNDER AND CEO,
VALIS INSIGHTS

INTERESTS

HIKING

- Exploration
- Resilience
- Adaptability
- Coordination
- Mindfulness

ARTS & CRAFTS

- Creativity
- Problem-Solving
- Inventive
- Design
- Collaboration
- Concentration



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EXPERIENCE:
COLLEGE COURSE ON
RECYCLING

SKILL GAINED:

- +1 Technical skills
- +1 Entrepreneurship
- +1 Circularity assessment

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STUDYING:
MECHANICAL
ENGINEERING

SKILL GAINED:

- +1 Problem-Solving
- +1 Critical Thinking
- +1 Attention to Detail

3

JOB:
INTERNSHIP

SKILL GAINED:

- +1 Research and Development
- +1 Materials & Process Characterization
- +1 Social Skills

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JOB:
CEO

SKILL GAINED:

- +1 Management
- +1 Business Development
- +1 Customer Service



CURRENT JOBS

285,267



PROJECTED 5-YEAR DEMAND

103,600



NATIONAL AVERAGE SALARY

\$270,600



SKILLS GAINED

- +1 Materials Testing and Analysis
- +1 Critical Thinking
- +1 Verbal Communication
- +1 Active Listening
- +1 Complex Problem Solving
- +1 Judgment and Decision Making
- +1 Coordination
- +1 Negotiation
- +1 Persuasion
- +1 Time Management
- +1 Reading Comprehension
- +1 Writing
- +1 Service-Minded
- +1 Social Perceptiveness
- +1 Financial Management
- +1 Operations Analysis
- +1 Systems Evaluation

SCAN FOR MORE
MODERN MAKERS
INFO!



CAREER PATHWAYS

ALTERNATE CAREERS FOR:

CO-FOUNDER AND CEO

AEROSPACE ENGINEER



CURRENT JOBS

68,327



PROJECTED 5-YEAR DEMAND

20,442



NATIONAL AVERAGE SALARY

\$139,700



SKILLS GAINED

- ▶ CAD Software
- ▶ Fluid Dynamics and Simulation
- ▶ Structural Analysis
- ▶ Flight Systems and Control
- ▶ Design Validation Tools

SYSTEMS ENGINEER



CURRENT JOBS

156,964



PROJECTED 5-YEAR DEMAND

48,482



NATIONAL AVERAGE SALARY

\$122,600



SKILLS GAINED

- ▶ Engineering Requirements Management
- ▶ System Modeling
- ▶ Project Management
- ▶ Enterprise Architecture
- ▶ Programming Languages (Python/Java)
- ▶ Risk Analysis and Modeling

SENIOR MATERIALS ENGINEER



CURRENT JOBS

24,602



PROJECTED 5-YEAR DEMAND

8,403



NATIONAL AVERAGE SALARY

\$116,100



SKILLS GAINED

- ▶ Material Testing and Analysis
- ▶ Metal Structure Analysis
- ▶ Material Processing and Characterization
- ▶ Computer Modeling
- ▶ Standards Compliance
- ▶ Material Inspections