

# Thomas Williams

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## EDUCATION

### LAFAYETTE COLLEGE | BA IN STUDIO ART WITH MINOR IN ARCHITECTURE & FOCUS IN ENGINEERING

Class of 2018 | Easton, Pennsylvania

**Capstone Project** Portrait of an Artist as a Young Engineer

- Sculpted clay master of 30cm x 15cm x 15cm LEGO brick
- Produced one part silicon mold of master sculpt
- Hand screen-printed and bound LEGO-style metaphysical instruction books

## SELECTED EXPERIENCE

### OVERLAND SUMMERS | TRIP LEADER

June 2018 – August 2018 | Williamstown, Massachusetts

**Trip Leader** of expeditions for teenagers in the Blue Ridge Mountains of North Carolina

### WINDJAMMER ANGELIQUE | ASSISTANT COOK & DECKHAND

May 2017 - August 2017 | Camden, Maine

**Assistant Cook** responsible for all baked goods, served as sous to head chef, and passenger liaison

**Deck Hand** aided with deck and rigging duties on a 110ft historic schooner

### JAY MADDEN ARCHITECT | ART EXHIBIT AND DESIGN CONSULTANT

Summer 2016 | Harvey Cedars, New Jersey

**Researcher** for a TED-style presentation on architectural history

- Interviewed homeowners of historic architecture and searched photo archives at museums and libraries

**Graphics Designer** for presentation and art and architecture showcase

- Integrated technology into gallery exhibit and created interactive display for patron engagement

### COLD REGIONS RESEARCH AND ENGINEERING LAB | DATA PROCESSING INTERN

Summer 2015 | Hanover, New Hampshire

**Data Gathering** from NASA ground penetrating radar database

**Data Processing** downloaded data was trimmed with custom program to a very specific region - **Java**

### LAFAYETTE COLLEGE | TEDx KEYNOTE SPEAKER

December 2014 | Easton, Pennsylvania

**Speaker** at a TEDx symposium

- Explored creativity as a lifelong learning tool and scrutinized the idea of "toys as tools" from child to adulthood
- Drew from personal experience using LEGO bricks to encourage adults to play

### HEARTWOOD THEATER | TECHNICIAN AND RUN CREW

August 2010 – June 2014 | Newcastle, Maine

**Technician** for set, prop, and light design and construction

**Run Crew** for live light and sound production

## SPECIFIC SKILLS

### ART FABRICATION

#### LEGO

- 21 years building LEGO
- LDD, & Bricksmith
- 75,000+ brick collection

#### SCULPTURE

- silicon plaster casting
- Live casting
- Multimedia sculpting

#### CONSTRUCTION

- Most wood tools
- Basic drafting/design
- Basic framing

#### OTHER

- CNC building/programming
- Screen printing
- Basic circuit design

### DIGITAL

#### COMPUTER SCIENCE & TECHNOLOGY

- Basic Java, Python, Git
- PC and Mac use/repair

#### GRAPHIC DESIGN

- Adobe design suite
- Krita and OpenToonz
- CAD

### OUTDOOR

#### ROCK CLIMBING

- lead 5.08, top rope 5.10

#### BACKPACKING

- 200+ nights in backcountry
- Wilderness First Responder

#### WATER ACTIVITIES

- Lifeguard
- Sailing/kayaking/rafting

## TOPICS OF INTEREST

Practical FX, Animation, Electrical Engineering, Digital Art, Graphic Design, Architecture