

# Paul Mack

## Experience

2006-2017 Laika Entertainment Hillsboro, OR

### Model Maker

- Built models and props for several stop-motion movies.
- Modified and designed props from drawings to be strong and animateable.
- Determined appropriate materials to use for the particular project, wood plastic, metal, resin, etc.
- Used a variety of metals and metal working tools, including hand machining with a mill and lathe.
- Member of Safety Committee and communicated safety topics to co-workers.

2003-2006 Rauda Scale Models Seattle, WA

### Model Maker

- Built models and displays to provided plans and specifications.
- Worked with others to complete larger projects by omnipresent deadlines.
- Used computer to produce drawings, graphics and labels.
- Used laser cutter, table saw, milling machine and other power tools as needed.

1997-2002 (Seasonal) US Forest Service Various locations in Idaho

### Physical Sciences Technician

- Prepared for mining project work with proposal review utilizing photography, written reports and environmental studies.
- Monitored recreational and professional mining operations.
- Reclamation of abandoned mine sites. Helped install foam plugs, concrete caps, gates and culverts.
- Survey of abandoned mining sites to ensure minimal hazard to humans and the environment, and minimal surface disturbance.
- Completed course work in Minerals Administration and Hazardous Materials.
- Used *Caterpillar Performance Handbook* and *Means Cost Estimating Guide* to estimate reclamation bonds for various mine projects.

1993-1996, 2001, 2003, 2009 Various contractors

HI, ID, SD, WA

### Carpenter

- Managed residential remodel construction projects including design, planning and construction.
- Worked on commercial and residential construction projects, often without direct supervision.
- At times, supervised another employee.
- Read blueprints to know how to accomplish tasks.
- Some heavy equipment operation.

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## Education

- 1991–1998                      Lewis Clark State College                      Lewiston, ID
- B.S. Geology Earth Science
  - Graduated *magna cum laude*, 3.9 GPA.
  - Presented at XVI Congress Carpathian-Balkan Geological Association, in Vienna, Austria.
- 2001                              Edwards and Associates                              Wallace, ID
- OSHA Hazardous Material Handling (HAZWOPER) class.
- 2001                              Minerals Administration                              Boise, ID
- Forest Service Training course in small mine administration on National Forests.
- 2002                              Environmental Systems Research Institute      Redlands, CA
- Introduction to ARCVIEW, an online course.
- 2012                              Portland Community College                              Portland, OR
- Introduction to Autodesk Inventor.

## Miscellaneous

Taught myself basic machining and used those skills not only in my job but to build two working miniature stationary steam engines.  
Nominated for Outstanding Miniatures and Models, Visual Effects Society, 2010, for work on Coraline, mainly Wybie's bicycle.  
Published author/photographer in Railroad Model Craftsman, a national monthly magazine and several articles in Model Railroad Hobbyist, an online magazine.  
Taught entry-level geology labs in college.  
Enjoyed volunteer work for my daughters' schools and my church, including teaching religious education to Jr. High students and adults.  
Drove a 66-passenger school bus for a year while in college and didn't misplace a single student.

## Special Skills

Software: Microsoft Office Suite, AutoDesk's AutoCad and Inventor, various graphics programs such as Illustrator and Photoshop.

Skills: I have worked on jobsites around heavy equipment and realize the safety and respect such equipment demands. I also realize regular shop tools demand just as much respect and attention. I have been able to communicate effectively, both orally and in writing; describing sites and situations I encountered working for the Forest Service, with my co-workers in the model shop and on the shop safety committee. I have also been in charge of modeling projects and have been able to communicate and collaborate with coworkers to finish them in a timely manner. I have also learned cooperation and organization as President and Secretary on the Board of Directors of our 227 member neighborhood Home Owners Association.