

TIMOTHY M. TABER

Anchorage, AK | (603) 899-7554 | tim@timothytaber.com | linkedin.com/in/timothytaber

SUMMARY

Passion for science and technology with experience in audiovisual installation, hands-on exhibit maintenance, museum exhibit development, digital marketing, informal science education, astronomy research, and customer service. Diverse skill set, systematic thinker, quick learner, and always eager to learn new things.

PROFESSIONAL EXPERIENCE

Lead Audio/Visual/Interactive Technician

Anchorage Museum, Anchorage, AK

May 2016 - Present

Supervisor: Ryan Kenny

- Develop, design, construct, maintain, and repair audio/visual and interactive exhibitions
- Troubleshoot, repair, maintain, and upgrade audio/visual equipment
- Make recommendations for equipment purchase, system design, and facility utilization
- Oversee work of Audio/Visual/Interactive Technicians

Digital Content Coordinator

Mount Washington Observatory, North Conway, NH

June 2014 - April 2016

Supervisor: Krissy Fraser

- Admin for Facebook (112,000 likes), Twitter (4,850 followers), and Instagram (3,200 followers)
- Launched accounts on Twitter (July 2014) and Instagram (June 2015)
- Webmaster for MountWashington.org (over 7.7 million pageviews/yr), including all content updates using HTML & CSS, acted as liaison between Observatory and web developer (SilverTech), and responded to user feedback
- Assisted in developing brand strategy, specifically focusing on web presence
- Event and promotional photography and videography
- In-house graphic designer, including print material layout, web graphics, and museum signage
- Assisted with public relations and media requests, including photo/video licensing

Education Coordinator - Exhibits

McAuliffe-Shepard Discovery Center, Concord, NH

August 2009 - June 2014

Supervisor: Jeanne Gerulskis

- Planned, prototyped, and produced exhibits in-house and with outside firms on astronomy, aviation, earth science, and space science
- Performed exhibit maintenance including troubleshooting, reverse engineering, software updates, and hardware repairs
- Managed three traveling exhibitions per year including booking, installation, and maintenance
- Was responsible for in-house photography and graphic design
- Assisted with marketing including social media, print ad layout, website, Google AdWords, and analytics
- Assisted education team as a museum docent and planetarium show presenter, also delivered school programs and outreach

Research Assistant

Vassar College Class of 1951 Observatory, Poughkeepsie, NY

September 2007 - May 2011

Supervisor: Prof. Fred Chromey

- Operated 32-inch R-C reflector, spectroscope, and CCD using TheSky and MaximDL software
- Gave weekly tours of the observatory to the public
- Assisted with telescope maintenance & repairs, including troubleshooting

Astronomy NSF REU Research Intern

National Astronomy and Ionosphere Center, Arecibo, PR

June - August 2010

Mentor: Dr. Robert Minchin

- Performed astronomy research with data from Arecibo Galaxy Environment Survey (AGES)
- Analyzed 21-cm extragalactic data and found companion galaxy to isolated galaxy UGC02082 as well as many previously unrecorded galaxies in the background sky
- Presented results at American Astronomical Society Meeting #217
- Co-author of R. F. Minchin, R. Auld, J. et al. The Arecibo Galaxy Environment Survey IX: the isolated galaxy sample, MNRAS (February 01, 2016) Vol. 455 3430-3435 doi:10.1093/mnras/stv2557

Astronomy KNAC NSF REU Research Intern

Colgate University, Hamilton, NY

May - July 2009

Mentor: Prof. Tom Balonek

- Performed astronomy research on quasar variability focusing on Blazar PKS 1749+096
- Used IRAF scripts to create a 20 year light curve
- Observed nightly at Foggy Bottom Observatory
- Used Colgate's Ho Tung Visualization Lab to present planetarium shows

EDUCATION

Bachelor of Arts, Astronomy, Physics

May 2011

Vassar College, Poughkeepsie, NY

GPA 3.20 on 4.0 scale

Departmental Honors - Astronomy

VOLUNTEER & COMMUNITY EXPERIENCE

Planning Committee Member

Dover Mini Maker Faire, Children's Museum of New Hampshire, Dover, NH

March 2013 - June 2014

NASA Solar System Ambassador

Jet Propulsion Laboratory, Pasadena, CA

January 2013 - Present

MEMBERSHIPS

- Member, New England Museum Association, 2013-2014
- Junior Member, American Astronomical Society, 2009-2013
- Associate Member, Sigma Xi, 2011-2013
- Member, Society of Physics Students, 2008-2011

SKILLS & INTERESTS

SKILLS

- Comfortable with all major operating systems (PC, Mac, Linux, iOS, and Android) and common software packages (MS Office, Google Apps, etc.)
- Programming experience using Arduino, Python, Processing, Java, and C+
- Digital marketing and graphic layout, with experience using most social platforms, Adobe InDesign, HTML, and CSS
- Light carpentry/woodworking, 3D printing and modeling (using Autodesk Fusion 360), soldering, electronics, microcontrollers, and Raspberry Pi
- Forklift certified

PERSONAL INTERESTS

Science, outdoor adventuring, digital photography, woodworking, and electronics