

# ARLEY K. SCHENKER

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San Francisco, CA 94102

## SKILLS

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- Python (Pandas, NumPy, Matplotlib, Sklearn), MySQL, Looker, advanced Microsoft Excel, VBA, HTML/CSS, MongoDB, Tableau, Microsoft Office, SPSS

## WORK EXPERIENCE

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**Liftopia** Partner Analytics Associate  
Partner Analytics Intern

**February 2019 - Present**  
**October 2018 - February 2019**

- Created, managed, and analyzed success of dynamic pricing plans for over 100 high-volume ticketing businesses across the U.S. and Europe
  - Collaborated with stakeholders at large international ski resorts to develop effective pricing plans
  - Showcased the effectiveness of dynamic pricing by authoring 2 case studies for Liftopia's B2B blog
  - Developed tools in Excel/VBA to expedite pricing creation process
- Proposed and executed on an initiative to automate production of year-end reports using Python and PowerPoint
  - Decreased year-end report production time from 6 weeks to 1 week
  - Reduced user error and need for manual adjustments of reports
  - Received both internal and external feedback that new reports were more readable, better designed, and easier to use than previous versions
- Developed a revenue reconciliation process across multiple currencies for our accounting team
  - Used Python to integrate Stripe data with internal data in Redshift
  - Resulted in streamlined and more accurate completion of month-end close
- Mentored team members in Python, enabling them to carry out large projects on their own
- Became proficient as both a user and a developer in Looker

## RESEARCH EXPERIENCE

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**Music Cognition Lab, Bucknell University** Graduate Student

**August 2016 - May 2018**

- Designed and conducted 3 cognitive psychology experiments
- Adapted testing procedure to be accessible for elderly participants
- Visualized 50 participants' quantitative data with Excel
- Used SPSS to perform repeated measures ANOVAs and linear regression on data from the 3 experiments
- Learned and applied advanced psychological statistics techniques (e.g., resampling, multiple regression) in a graduate course

**Auditory Lab, Carnegie Mellon University** Research Assistant

**January 2015 - July 2017**

- Created and analyzed auditory stimuli and experiments using Audacity and MATLAB
- Coordinated testing of 40 participants, including 8 visually impaired senior citizens
- Prepared two papers for publication in proceedings of the 2017 International Conference of Auditory Display (ICAD)

## EDUCATION

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**UC Berkeley Extension** San Francisco, CA

**January 2019**

Data Analytics/Visualization Certificate of Completion

**Bucknell University** Lewisburg, PA

**May 2018**

Master of Science (MS) in Psychology

Thesis: Components of Auditory Imagery in Healthy Aging

**Carnegie Mellon University** Pittsburgh, PA

**May 2016**

Bachelor of Science (BS) in Cognitive Science, Minor in Music

Cumulative GPA: **3.80/4.00**

Thesis: Discrimination of Enhanced Echoes in Blind and Sighted Individuals