

# ARLEY K. SCHENKER

✉ akschenker@gmail.com ☎ (412) 576-7729 🌐 akschenker  
www.akschenker.com 📄 www.linkedin.com/in/arleyschenker  
San Francisco, CA 94103

## WORK EXPERIENCE

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### **Liftopia** Partner Analytics Intern

**October 2018 - February 2019**

- Created variable dynamic pricing plans in Excel/VBA for ski partners
- Supported internal teams' abilities to perform effective revenue management
- Produced client-facing revenue visualizations and dashboards in Looker
- Used SQL, Python, and Looker to analyze purchasing patterns and other e-commerce metrics

### **Bertrand Library, Bucknell University** Graduate Reference Assistant

**January 2017 - May 2018**

- Supervised and assisted with circulation of library materials by undergraduates
- Assisted with inventory and circulation projects via Microsoft Excel
- Educated patrons about digital and physical library resources as well as computer resources

### **Academic Development, Carnegie Mellon University** Peer Tutor

**September 2014 - May 2016**

- Tutored 5-7 students per semester in statistics and Python courses
- Met with students at least once a week to discuss homework and study strategies
- Improved outcomes in exam and homework scores and understanding for majority of students

## RESEARCH EXPERIENCE

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

**August 2016 - May 2018**

- Designed and conducted 3 experimental psychology projects
- Adapted testing procedure to be suitable for elderly participants' limitations, such as decreased attention span and poorer vision
- Presented research findings in comprehensive written thesis and 30-minute oral presentation

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

**January 2015 - July 2017**

- Coordinated testing of 40 participants, including 8 blind senior citizens
- Trained two undergraduates in research protocol
- Prepared two papers for publication in proceedings of the 2017 International Conference of Auditory Display (ICAD) and presented them

## SKILLS

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### • **Technical Skills**

- Proficient: Python (Pandas, NumPy, Matplotlib), SQL (MySQL, MySQLWorkbench), advanced Microsoft Excel, VBA, Looker
- Familiarity with: HTML/CSS, MongoDB, Machine Learning (Sklearn, Keras)

### • **Other Skills:** Microsoft Office, SPSS

## EDUCATION

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### **UC Berkeley Extension** San Francisco, CA

**January 2019**

Data Analytics/Visualization Bootcamp 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