

# Alex Schumaker

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University of Washington graduate with a B.S. in mathematics and a minor in music. Experienced in data manipulation and analysis, high-level scripting, frontend development on web and mobile platforms, and in-depth experience in financial modeling.

## Summary of Qualifications

- Machine learning, data analysis with scikit-learn, pandas, GraphLab, Jupyter Python packages
- Proficient in Python, Lua, JavaScript
- Working knowledge of R, SQL, HTML, CSS, Java, PHP, C#
- Expertise with a variety of audio production software

## Experience

Data Analyst, DreamStart Labs (2016-present)

- Established web services for live analytics, database querying, and machine learning
- Developed statistical models for predicting users' financial outcomes
- Determined use-cases for machine learning algorithms by generating consumer models

Personal Endeavours

- Automated server file backup using Python scripts
- Maintains custom user interface modifications for the popular online game World of Warcraft using Lua
- Extensive work developing interactive Android mobile applications
- Contributor and user on Kaggle, a data science enthusiast website

Project Manager, Boy Scouts of America (2011)

- Planned, organized, and led a charity project for LibriVox, an open source audiobook organization
- Built a workflow for producing a large volume of high quality audio recordings

Continued dedication to community service (2006-present)

- Holy Family Kirkland Music Ministry
- Hopelink
- LibriVox
- Redmond Parks and Recreation

## Education

- Machine Learning Certification, University of Washington via Coursera (2018)
- B.S. mathematics, music minor, University of Washington (2016)
- Bellevue College (2013)

## Other Accomplishments

- Eagle Scout Rank, Boy Scouts of America
- Student RND, CodeDay Project winner