Nathan Schaumann

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Operations and AI Implementation | Armenian Translator | Language Assessment | Pianist and Arranger

EXPERIENCE: AI, OPERATIONS AND BUSINESS

MonkeyC (language-learning software) | Sandbox Fellowship startup accelerator — Provo, UT
Co-Founder — Feb 2026 – Present

- Founded MonkeyC and shipped two live language-learning web apps: a speaking-practice app that climbs a CEFR ladder with speech recognition, text-to-speech and AI feedback, and a study tracker that measures what a learner has actually taken in
- Built 20+ tools across 12+ domains in 4 months with AI coding agents (language learning, fitness, personal finance, voice calling, transcription, games, QA and job-search automation); 18 are live on the web, with 8,300+ commits across all projects
- Published the listening, reading and speaking tests as open source with a live demo (speaking graded with the visitor's own API key): nschaumann.com/tests
- Gathered validity evidence for AI-written listening and reading tests: blind AI raters agreed with the target level on 80 to 88% of passages, and blind test-takers answering without the passage scored 60 to 69%, down from 91%
- Created a free library of 52 graded English readers (AI-drafted retellings of public-domain classics, five difficulty levels, French for 51), each checked by an automated difficulty scorer: nschaumann.com/readers
- Ran an AI-native workflow: directed parallel Claude Code agents in isolated branches, then reviewed, merged and shipped their work; kept costs down by moving transcription, translation and embeddings onto local models

Tiger Run (battery and electrical parts supplier to government contractors) — Remote
AI Implementation Consultant (pro bono) — Jul 2026 – Oct 2026

- Brought Claude into a parts supplier with no prior AI use by teaching the owners to connect it to Zoho; it now runs six auto-refreshing reports plus invoicing and PO entry, saving an estimated 8 hours a week
- Walked the team through building six live Zoho Analytics reports (quote follow-ups, delivered-but-uninvoiced orders, open deliveries, receiving matched to Amazon shipments, true on-shelf inventory, a route-ordered daily run sheet) that refresh five times a day

Aveyo (W-2) | Contract: Source Mrktg, Vantage Marketing, Caliber Smart, Vivint — American Fork, UT
Sales Operations Analyst, concurrent roles (Aveyo 2+ years) — Sep 2022 – Apr 2026

- Built the sales reporting engine for a 1,300-rep fiber sales channel: 15,000+ sales tied to payroll, with daily, weekly and year-to-date dashboards for teams of 5,000 to 11,000 sales
- Audited carrier commissions at Caliber Smart (Onyx Fiber) and found $24,960 in unpaid commissions; $5,910 confirmed owed and $4,800 recovered
- Built Aveyo's weekly executive scorecard from a 10,800-project export and 1,100-person roster: closer and setter leaderboards, quality rates, state call sheets and stage-to-stage cycle times
- Audited 917 sales orders for setter, adder and pricing errors, cleaned 12,650 records with 2,343 credit fixes for a platform migration, and reconciled 155 reps' sales credit against a vendor system
- Backfilled missing cancel dates on about 490 cancelled solar jobs across 3 installers, then built a rep-level profit model weighted by each installer's cancel rate that showed which high-volume reps lost the company money
- Cut data-tracking time by ~90% at Aveyo and Caliber Smart and invoicing time by ~50% at Vantage Marketing; consolidated multiple CRMs into one sales leaderboard
- Wrote runbooks for eight recurring reporting and reconciliation routines and trained a part-time assistant to run them

Vermilion Rock Advisors — Remote
Investment Banking Intern — May 2025 – Aug 2025

- Sourced and analyzed 400+ companies as high-potential M&A targets for private equity clients

Kaptek — Remote
Business Development Representative — Oct 2024 – Jan 2026

- Placed Armenian software developers with 3+ US companies through my network

Summit Sustainability — Orem, UT
Co-Founder — Jan 2023 – Oct 2023

- Launched a full-service solar sales and installation company; completed installations ~50% faster and ~20% cheaper than competitors
- Built the business model: 13 Utah cities priced on net-metering and permit costs, 60+ vendor quotes, a modeled sales funnel, and 25-year homeowner economics for solar with and without batteries
- Designed the dealer pay plan ($0.30 per watt in overrides split among setter and closer trainers and recruiters) and drafted the rep and installation agreements

Enlite Home | Sunrun | Powur PBC | Elan Solar | Vivint Provo, UT / Temecula, CA
Outside Sales Representative for 5 different solar companies April 2022 – Oct 2023

- #2 rookie at Enlite Home (Sunrun and SunPower partner): closed 6 deals in my first 6 weeks door to door (Temecula, CA, 2022)
- Out-earned every other Elan Solar closer, including the owner, in revenue for Oct 2022

Nathan's Electric Scooters Lehi, UT
Owner Jul 2024 – Mar 2026

- Sold 40+ scooters; repaired 40–50 scooters for clients; built a repeat-customer pipeline
- Earned $4,100+ profit in the first 16 days of Oct 2024: $3,246 from flips and $925 from repairs and loaner rentals

EXPERIENCE: LANGUAGE AND TRANSLATION

The Church of Jesus Christ of Latter-day Saints Remote
Armenian - English Translator Sep 2021 – Present

- Translated scripture, hymns and official documents; quality-checked grammar, formatting, punctuation and terminology consistency
- Reviewed 40+ segments (about 4 hours each) of the Church's revised Armenian Book of Mormon, Doctrine and Covenants and Pearl of Great Price as one of 3 Armenian reviewers (2022–2023), returning tracked-change reviews to the translation supervisor
- Translator, reviewer and group facilitator on the Church's Armenian hymnbook project (Dec 2024 – present): completed 15 lessons of music transcreation training (meter, rhythm, rhyme, phrasing), reviewed hymns in a 5-person group, ran final quality checks, and led group review meetings (Dec 2025 – Jun 2026)
- Held continuous Church translation contracts since 2021, renewed in 2022, 2024 and 2026

The Church of Jesus Christ of Latter-day Saints Yerevan, Armenia
Volunteer Representative Nov 2019 – Aug 2021

- Directed 35 volunteers in Armenia/Georgia in engaging new contacts and providing community service
- Served as assistant to the director of the church's Armenia volunteer program (Oct 2020 – Jun 2021) as it grew from 10 to 29 volunteers; led regional and program-wide trainings
- Designed a 5-part Armenian proficiency test (listening, speaking, reading, writing, grammar) taken every 3 months by every full-time church volunteer serving in Armenia, and hired a university-trained native Armenian examiner to run regular spoken exams; the test stayed in use after I left
- With two other volunteers, provided live Armenian-to-English interpretation for a nationwide conference over Zoom (Dec 2020) and weekly online services (2021)

EXPERIENCE: MUSIC, MEDIA AND TEACHING

Pianist Provo, UT
Concert Pianist, Teacher and Collaborative Pianist May 2016 – Mar 2026

- Concerto soloist with the North Netherlands Orchestra (Liszt No. 1, 2015), Kennemer Youth Orchestra (Beethoven No. 3, 2016), Wassenaar Excelsior Band (Rhapsody in Blue, 2016–2017) and BYU Symphony Orchestra (Prokofiev No. 2, 2022)
- Touring pianist for Nathan Pacheco's 2025 Christmas tour (Arizona leg, 2 shows)
- Performed in 4 BYU campus devotionals broadcast on BYUtv (Nov 2021 – Aug 2022), 2 of them with my own arrangements
- Accompanist for the BYU saxophone and flute studio (2022–2025) and 50+ BYU voice students (2018–2022)
- Transcribed sheet music for The Piano Guys (2025)

Piano and Violin Teacher (self-employed) Utah · Online and in person
Piano/Violin Teacher Mar 2010 – Oct 2025

- Taught 40+ piano and violin students and developed a by-ear pedagogy curriculum
- Kept 5–10 active students at a time for 10+ years, in person and online, with online students in Hawaii, Tennessee, the US East Coast, Guatemala and Hong Kong

Musicnotes Remote
Signature Artist Jul 2016 – Present

- 8,000+ sheet-music sales; 80 solo piano and 23 multi-instrumental arrangements published
- Recruited by Musicnotes as a Signature Artist after self-publishing piano arrangements on YouTube (2016)

HDpiano (1.8M+ YouTube subscribers) Remote
Course Designer, Quality Assurance Specialist Oct 2022 – Feb 2025

- Co-developed an online piano instruction product; final quality check for dozens of high-view videos
- Ran the paid member community: wrote feedback on student video submissions, ran live events and wrote the welcome email series; revised the QA guide and coached members one on one

Freshly Charged (515k+ YouTube subscribers) Remote

Chief Editor, Quality Assurance Specialist Aug 2023 – Aug 2025

- Managed a second staff writer; wrote 100+ articles and edited hundreds more
- Consolidated four product sites into one; grew Google search impressions from 8K to 547K a month via SEO (Dec 2023 – Jul 2025)

Ginger On Wheels Remote

Editor Aug 2024 – Sep 2024

- Wrote and edited product reviews for the PEV Outlet store site, lifting one post's SEO score from 19 to 86 out of 100 (Rank Math)

Nathan Schaumann Piano (20k+ YouTube subscribers across channels) Remote

Content Creator, Pianist Dec 2008 – Present

- Produced 300+ performance and tutorial videos, generating 5M+ total views across 3 personal channels

Brigham Young University Provo, UT · On-site

Rehearsal Pianist (Musical Dance Theater) Sep 2021 – May 2024

- Rehearsal pianist for BYU's Fiddler on the Roof (Tue – Fri evening rehearsals, fall 2021) and violinist in its performance orchestra (Jan 2022)

OTHER ROLES

- Proposal Design, Bright Planet Solar (Provo, UT, on-site), part-time, Jun 2022 – Jul 2022
- Improv Pianist, ImprovBroadway (Provo, UT, on-site), freelance, Jan 2022 – Mar 2022
- Band Member (Keyboardist), Jbledz (Provo, UT), freelance, Apr 2019 – Oct 2019

PROJECTS

- Built a self-hosted personal-finance app that syncs 29 accounts through two bank-data aggregators plus CSV import, matches transfers so they are not counted as spending, and removes duplicate transactions (102 automated tests)
- Built an AI phone-calling tool (ElevenLabs voice agent over Twilio) that asks a list of businesses one question in parallel and returns a table of answers, with a dry run showing estimated cost and time before any call (35 automated tests)
- Built a transcription web app that runs Whisper in the browser, with a server fallback
- Built a pick-only resume system: 263 fact-checked bullets in one master file and a builder that rejects any claim not in it and fails any result over one page; produced 10 tailored applications in 2 days, tracked in a Google Sheet
- Built a 98-year comparison of stocks, bonds, gold and money supply with growth rates, options payoff grids across 50+ strikes, and a 375-fund ETF screen

LANGUAGES AND CREDENTIALS

- 12 official ACTFL proficiency certifications in 5 languages, including two Superior ratings
- Armenian (fluent, professional translator); Spanish (ACTFL Advanced Low, official test); Russian (strong listening comprehension); studying Portuguese and French

AWARDS

- Competition-winning pianist: Steinway & Sons Young Artists Competition (Amsterdam 2016; Utah 2018), Emory University Young Artists Competition (2019), BYU Concerto Competition (2021)

EDUCATION

Brigham Young University Provo, UT

Coursework in Piano Performance and Commercial Music 2018 – 2019, 2021 – 2022

- Music (3/4 tuition) and academic (1/2 tuition) scholarships; ACT 35 (99th percentile)
- First student ever to score 64/64 on the BYU aural skills exam; tested out of 4 sight-singing courses

American School of The Hague Wassenaar, Netherlands

High School Diploma Aug 2013 – Apr 2017

- Senior Music Award (2017); the school's main by-ear accompanist

Jerudong International School Brunei

Student Sep 2010 – Apr 2013

SKILLS

- Power BI, Excel, Google Sheets, GoHighLevel, SalesRabbit, Tableau, Claude Code, 170+ WPM typing
- Build by directing AI coding agents: I write the spec, review every change, and own testing and release; live apps run on Railway with continuous deployment, nightly backups, error monitoring and 300+ automated test files
- Perfect pitch, strong sight reader, advanced violinist