

TECHNICAL EXPERIENCE

Klaviyo

Jun 2024 — Present

Back-end Software Engineer / Events Pipeline

Hybrid, Boston, MA

- Maintained and enhanced a distributed events pipeline processing billions of events daily, ensuring high reliability and performance to support hundreds of thousands of customers
- Led development of an asynchronous system to replace a high-throughput component of the pipeline, significantly improving scalability and reducing infrastructure costs
- Built internal tooling to support data backfills and streamline incident recovery, reducing operational burden following pipeline disruptions
- Coordinated cross-team communication and collaboration to migrate key services, facilitating successful change of ownership and knowledge transfer

Janus Health

Nov 2023 — Apr 2024

Full-stack Software Engineer / Automation

Remote

- Contributed to the development of a TypeScript browser plugin aimed at streamlining prior authorization workflows for healthcare and insurance professionals

Kyruus

Dec 2022 — Feb 2023

Full-stack Software Engineer / API

Remote

- Delivered the MVP API for our next-generation platform, enabling customers to access and integrate provider data into their own products
- Collaborated with cross-functional teams to align on project goals, ensuring timely delivery of customer-focused solutions

Dec 2020 — Dec 2022

Back-end Software Engineer / Pipeline Operations

Remote

- Created tools to automate the customer onboarding process, reducing engineering costs and accelerating delivery time
- Designed and implemented a Jenkins Pipeline-based system to replace a head-of-line blocking Jenkins job workflow, improving pipeline reliability, concurrency, and retryability
- Reduced load on internal and external APIs by 50% by eliminating redundant data retrieval steps in the pipeline process

Mar 2019 — Dec 2020

Back-end Software Engineer / Customer Onboarding

Boston, MA

- Contributed to onboarding tens of new customers to our provider data pipeline
- Monitored the data pipeline and handled system instability, contributing to overall pipeline reliability and uptime
- Collaborated closely with customer support to deliver timely, customer-facing features
- Standardized incoming customer data formats to ensure consistent encoding, resulting in a 20% reduction in nightly pipeline failures

PrimePay

Jan 2018 — Mar 2019

Back-end Software Engineer / Tax Filing

West Chester, PA

- Refactored a legacy tax filing engine to manage and file payroll taxes for tens of thousands of clients
- Designed and constructed data visualization and data conversion tools for state and federal tax forms (.pdf) and files (.txt, .xml)
- Engaged the business in the discussion and direction of the initial version of the updated platform

Northeastern University College of Arts, Media, and Design

Jan 2015 — May 2016

Research Assistant / G-Player Visualization Tool

Boston, MA

- Created a data-agnostic visualization tool to compare participants' spatiotemporal data and analyze their in-game decisions via data-playback and statistical models
- Expanded the tool for an open-source DARPA grant by restructuring the ingest workflow to allow for diverse flat file formats (.csv, .json, .txt, .xml)

SKILLS

Languages

Python, SQL, NoSQL, HTML, CSS, Javascript, C#

Tools

Git, MongoDB, PostgreSQL, AWS (Lambda, EC2, RDS, CloudFront, etc.), Jenkins, \LaTeX

Frameworks

FastAPI, Pydantic, Flask, Chalice, Leaflet, LINQ

Concepts

REST API, object-oriented design, ETL, test-driven development, Agile

PROJECTS

Arcavios — Building a collection of tools for managing Magic: the Gathering data

Jun 2023 - Present

Streamlabs Chatbot — Built a plugin to support automatic handling of picture-in-picture replays during livestreams

Spring 2022

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Alexander Gimmi

Software Engineer

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linkedin.com/in/agimmi

EDUCATION

Bachelor of Science in Computer Science, *Northeastern University*

ACTIVITIES AND INTERESTS

Volunteer Fire Lookout	2024
Northeastern University Magic: the Gathering Club - Founder and President	2014 — 2016
Research Assistant to Dr. Alessandro Canossa contributing to the G-Player Visualization Tool	2015 — 2016
Northeastern University Housing and Residential Life - Resident Assistant	2013 — 2015
Research Assistant to Dr. Stephen Intille contributing to Cell Phone Intervention Trial for You (CITY)	Summer 2013