Alexander Gimmi
Software Engineer

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Portfolio: gimmi.work
github.com/iambroadband
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Always curious, detail-oriented software engineer in search of an individual contributor (IC) role with opportunities for growth. Background in design and operation of data pipelines, API integrations, and managing imperfect data.

Skills

Languages	Python, C#, Javascript, HTML, CSS, SQL
Tools	Git, PostgreSQL, AWS (Lambda, EC2, RDS, CloudFront, etc.), JIRA/Confluence, Jenkins, LaTeX
Frameworks	Flask, Chalice, Bootstrap, JJB, LINQ, Leaflet

Education

Bachelor of Science in Computer Science, *Northeastern University*   2016

Technical Experience

Kyruus   **Dec 2022 — Feb 2023**
Software Engineer / API   *Fully Remote*
- Contributed to the ongoing development of Kyruus API products to better support customer needs
- Partnered with other engineers at Kyruus to deliver the MVP API for the company's next generation platform
- Migrated existing customers onto the newly designed data pipeline for better and more consistent performance
- Communicated and aligned with internal teams to meet long-term delivery goals for our customers
- Assisted in the integration of incoming teams and their products during a company acquisition

                                                                                                                Dec 2020 — Dec 2022
Software Engineer / Pipeline Operations   *Fully Remote*
- Designed a streamlined system to replace the existing data pipeline
- Optimized the existing pipeline to reduce load on internal and external APIs by 50%
- Standardized incoming customer data and drastically reduced unexpected outages as a result
- Simplified the implementation process for new customers on the provider data pipeline

                                                                                                                Mar 2019 — Dec 2020
Software Engineer / Customer Onboarding   *Boston, MA*
- Coordinated with customer support to promptly deliver customer requested features
- Successfully onboarded new customers in concert with solution architects
- Monitored the provider data pipeline during an on-call rotation and handled system instability as needed

PrimePay   **Jan 2018 — Mar 2019**
Software Engineer / Tax Filing   *West Chester, PA*
- Contributed to the ongoing development of an automated 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 upload workflow to allow for varied file formats and structures (.csv, .json, .txt, .xml)

Northeastern University College of Computer and Information Sciences   **Jul 2013 — Dec 2013**
Research Assistant / Cell Phone Intervention Trial for You (CITY)   *Boston, MA*
- Studied the effectiveness of mobile (Android, iOS) health applications by contributing to an ongoing, large-scale trial for overweight participants
- Constructed an internal auditing tool to measure participant engagement and retention
- Implemented context sensitive user feedback based on data collected from a collection of wearable and mobile phone sensors
- Represented Dr. Intille's team for a conference at Google Zurich regarding health-related research using Google Glass (Mirror API)

Activities and Projects

Creator of a buylist aggregator for Magic: the Gathering	Summer 2023
Open Source Contributor to Streamlabs Chatbot (Desktop)	Spring 2022
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