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# Alexander Gimmi

## Software Engineer

Portfolio: [gimmi.work](https://gimmi.work)  
[github.com/iambroadband](https://github.com/iambroadband)  
[linkedin.com/in/alexgimmi](https://linkedin.com/in/alexgimmi)

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, Javascript, HTML, CSS, SQL, C#
Tools	Git, PostgreSQL, AWS (Lambda, EC2, RDS, CloudFront, etc.), JIRA/Confluence, Jenkins, $\text{\LaTeX}$
Frameworks	Chalice/Flask, Bootstrap, JJB, Hugo, LINQ, Leaflet

### EDUCATION

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

### TECHNICAL EXPERIENCE

**Kyruus** Dec 2020 — Now  
*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 over 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

*Software Engineer / Customer Onboarding* Mar 2019 — Dec 2020  
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

Live Broadcaster, Content Creator, and Community Builder on YouTube and Twitch	2016 — Now
Creator of <a href="https://sideboard.gg">sideboard.gg</a> Tool for Magic: the Gathering	Summer 2022
Open Source Contributor to Streamlabs Chatbot (Desktop)	Spring 2022
Magic: the Gathering Pro Tour Competitor	Summer 2020
Northeastern University Magic: the Gathering Club - Founder and President	2014 — 2016
Research Assistant to Dr. Alessandro Canossa contributing to the <a href="#">G-Player Visualization Tool</a>	2015 — 2016
Northeastern University Housing and Residential Life - Resident Assistant	2013 — 2015
Research Assistant to Dr. Stephen Intille contributing to <a href="#">Cell Phone Intervention Trial for You (CITY)</a>	Summer 2013
After School Programming Teacher for Citizen Schools	Spring 2013