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Greater Los Angeles  
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# Alexander Gimmi

## Software Engineer

Portfolio: [gimmi.work](http://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 a position that requires a flexible engineer with an opportunity to learn new technical skills and expand on existing ones. Background in maintenance, operation, design, and implementation of customer data pipelines and their related systems. Experienced with many common best practices for managing imperfect data.

### SKILLS

Languages	Python, Javascript, HTML, CSS, SQL, C#
Tools	Git, AWS (S3, Lambda, EC2, RDS, SecretsManager, Route53, CloudFront, etc.), Jenkins, $\LaTeX$
Frameworks	Chalice, Postgres, Bootstrap, JJB, Hugo, LINQ, Leaflet

### 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

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)

### EDUCATION

Bachelor of Science in Computer Science, Northeastern University

2016

### ACTIVITIES AND PROJECTS

Live Broadcaster and Content Creator	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
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