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Alexander Gimmi

Software Engineer

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

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| Languages | Python, Javascript, HTML, CSS, SQL, C# |
| Tools | Git, PostgreSQL, AWS (Lambda, EC2, RDS, CloudFront, etc.), JIRA/Confluence, Jenkins, \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

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|--|-------------|
| Live Broadcaster, Content Creator, and Community Builder on YouTube and Twitch | 2016 — Now |
| Creator of sideboard.gg 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 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 |
| After School Programming Teacher for Citizen Schools | Spring 2013 |