Alexander Gimmi
Software Engineer

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Portfolio: gimmi.work
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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 improved 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 Kyruus data pipeline

                                                              Mar 2019 — Dec 2020
Software Engineer / Customer Onboarding   *Boston, MA*
- Coordinated with customer support to promptly deliver customer facing features
- Successfully onboarded new customers in concert with solution architects
- Monitored the Kyruus 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) approx

SKILLS

Languages	Python, C#, Javascript, HTML, CSS, SQL
Tools	Git, MongoDB, PostgreSQL, AWS (Lambda, EC2, RDS, CloudFront, etc.), Jenkins, LaTeX
Frameworks	Flask, Chalice, FastAPI, Pydantic, LINQ, Leaflet

PROJECTS

Arcavios — Building a collection of tools for managing Magic: the Gathering data   Summer 2023
Streamlabs Chatbot — Built a plugin to support automatic handling of picture-in-picture replays during livestreams   Spring 2022

EDUCATION

Bachelor of Science in Computer Science, *Northeastern University*

ACTIVITIES AND INTERESTS

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