

Liam Gensel

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Work Experience

Software Engineer @ ACV Auctions

Buffalo, NY | June 2019 - April 2020

- Ported a monolithic legacy API from Perl to Python (Django framework) and MySQL reducing cycle time for new features.
- Created Splunk dashboards to monitor traffic during releases of code migration from the legacy API.
- Built backend features for the Marketplace team to increase buyer and seller engagement on the platform.
- Led daily standups, sprint reviews, retrospectives and plannings for the Marketplace team as a scrum master.
- Worked on the Vue.js web app adding new features, increasing accessibility and fixing bugs to improve user experience.
- Developed a gateway service to reroute external requests to the correct internal service allowing for faster spinup of new services.
- Setup the continuous deployment pipeline for the gateway service using Jenkins and Docker.
- Participated in community outreach by volunteering at hackathons, job fairs and workshops.

TechStart Intern @ Liberty Mutual Insurance

Dover, NH | Summer 2018

- Worked on an API to generate and distribute insurance documents using Spring Boot and AWS Lambdas in an agile environment.
- Increased developer efficiency by automating the local setup of the document publishing API for testing.
- Built a web application with Vue.js to simplify metadata configuration for clients.

QA Intern, Development Intern @ Shift4 Corporation

Las Vegas, NV | Summer 2016, Summer 2017

- Worked with a quality assurance team to find bugs in both the web and mobile versions of VT4, a secure point of sale system.
- Built an internal tool for code reviews based on revisions in the SVN repository using C#, .NET framework and SQL.
- Automated the setup of development environments using Powershell DSC to save hours of manual configuration.

CSE IT Helpdesk @ University at Buffalo

Buffalo, NY | October 2015 - May 2019

- Resolved technical issues experienced by faculty and students in the Computer Science and Engineering department.

Technical Skills

Languages - Python, Javascript, Java, C#, HTML, CSS

Tools and Frameworks - Django, Vue.js, MySQL, .NET Core, Flask, Node.js, Git, Splunk, Jenkins, Docker, Nginx, Spring Boot

Projects

Phat and Phresh - Rap Lyric Generator [Kent Hack Enough - Finalist]

- Wrote the backend API and algorithm that generates lyrics based on a dictionary of base words and rhyming schemes using C# and the .NET Core framework.
- Built an iOS app, website and a custom Amazon Alexa skill in 24 hours to produce a music video with a song written from the lyrics generated.

Task Task Task - A Live Collaborative Nesting Task List [MHacks X]

- Developed an API with Python that uses websockets to update connected clients any time a change is made to a task list.
- Built a responsive and user friendly website using React to allow users to create infinitely nested tasks.

Education

University at Buffalo

Bachelor of Science in Computer Science

May 2019

GPA: 3.74

Leadership Experience

Software Engineering Chair @ UB ACM

Buffalo, NY | August 2018 - May 2019

- Updated and maintained the club website and software including Chicken, an event check in system that integrates with Slack.
- Organized events and ran workshops for 1000+ club members including Hacknight, a bi-weekly mini hackathon.

Venue Lead, Co-Sponsors Lead @ UB Hacking

Buffalo, NY | May 2017 - November 2018

- Led a team of 6 student volunteers and ran weekly meetings to organize a 24 hour hackathon for 500+ students.
- Raised and managed a budget of \$50,000+ from corporate sponsors to help support logistics of the event.
- Designed a floor plan layout and oversaw venue logistics for the event.