VAMSI GAJJELA

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VamsiGajjela

EDUCATION

University of Toronto Sept. 2019 - Present
Honours Bachelor of Science (Computer Science)
Relevant Courses: Operating Systems, Introduction to Databases, Principles of Computer Networks, Programming on the Web

SKILLS

LANGUAGES: Python, Ruby, Java, C, JavaScript, SQL, HTML, CSS
TECHNOLOGIES: Django, Ruby on Rails, React, Git

EMPLOYMENT

Demonware, *Software Development Intern*, Vancouver, BC Sept. 2023 - Apr. 2024

- Reduced over 6 million false positive player reports per month by redesigning the escalation system
- Improved build times and docker image access latency by 87.5% by rebuilding the CI/CD pipeline
- Transformed reform mechanisms for bad actors to be dynamically configureable (impacts 200,000+ players per day)
- Expanded A/B testing capabilities to work for all player report types
- Created alarms with PromQL in order to alert the team when services were non-functional

University of Toronto, *Teaching Assistant - Introduction to Computer Science (CSC148)* Jan. 2023 - Apr. 2023

- Conducted labs for more than 100 students to strengthen topics learnt in lecture
- Taught and clarified key software topics including memory models, OOP, data structures and algorithms to first year students

Shopify, *Software Developer Intern*, Toronto, ON (Remote) June 2022 - Aug. 2022

- Developed capabilities to better detect and deny suspected bot checkouts, protecting all flash sales (10% of Shopify Gross Merchandise Volume)
- Improved bot observability for engineers by creating a Datadog dashboard to better display scores from Captcha providers
- Improved Slack integration UX and maintainability by refactoring the codebase and redesigning the interface to better track flash sales

Shopify, *Software Developer Intern*, Toronto, ON (Remote) Jan. 2022 - Apr. 2022

- Assisted in the implementation of hCaptcha to enhance the Shopify bot protection experience
- Designed and implemented a new service to detect and flag auto-checkout bots during flash sales, blocking up to 65% of the fraudulent orders
- Tracked unique user interaction metrics for checkouts to investigate potential bottlenecks in performance

PROJECTS

URL Shortener

- Designed and created a URL shortener using Django, SQLite, HTML, and CSS
- Built a simple user interface and served users by deploying the application onto Heroku