Sunny Bhatt

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(905) 531-1212

EDUCATION

McMaster University — Hamilton, ON
B.A.Sc in Computer Science **GPA: 3.92/4.00** — *2018 - 2022*

Coursework: Discrete Mathematics, Data Structures and Algorithms, Principles of Programming, Software Design

EXPERIENCE

Software Engineer Intern — Toronto, ON
CIBC — *May 2020 - Aug 2020*

Software Engineer Intern — Toronto, ON
ZHY Interactive — *Jun 2019 - Aug 2019*

· Built end-to-end functionality for handling user-generated audio content by developing a streaming API as well as an audio upload and processing pipeline to trim, watermark, and save music files to GCP cloud storage
· Used React to design responsive, mobile-first web pages such as a content discovery page and user dashboard
· Implemented a data-ingestion utility using Node.js and MongoDB to build an ETL pipeline for processing royalty revenue
· Optimized search by implementing a debounce function for live results, reducing search API requests by 55%

Software Developer Intern — Hamilton, ON
Population Health Research Institute — *Feb 2018 - Aug 2018*

· Maintained enterprise clinical trial management software using C# and the ASP.NET MVC framework
· Redesigned the user portal and dashboard with intuitive multi-step forms to improve user flow
· Designed a modern landing page for the company's flagship product

PROJECTS

CP Cheats — *Jan 2014 - Apr 2017*
200,000 registered users

· Reverse-engineered a popular multiplayer game to develop a third-party client, interfaced by a collection of web applications allowing users to connect to and manipulate their player accounts, earning $31,000 in revenue
· Built a user management system for a large-scale rewards platform, handling earnings and purchases with virtual currency
· Implemented a custom CMS using PHP and MySQL for blog posts, comments, and web pages

champs.gg — *Jan 2020 - Present*

· Built a deployment pipeline and scalable web infrastructure using AWS S3, AWS Elastic Beanstalk and MongoDB Atlas
· Designed NoSQL schemas for efficiently storing and retrieving a large amount of votes for a crowd-sourced rating system
· Used Node.js and Express to develop a RESTful API interfaced by a single-page React app, receiving 1,000+ daily users

FuelPlan — *Nov 2018*

· Developed a Chrome extension that displays a calculated trip cost for routes when searching for directions on Google Maps
· Made use of a RESTful API to access a database of vehicles makes, models, and their fuel economies

SKILLS

Languages: Java, Python, JavaScript, SQL, PHP, C#, HTML, CSS

Frameworks and Libraries: Node.js, React, Express, Django, Bootstrap, jQuery

Tools and Databases: MongoDB, MySQL, AWS, Google Cloud Platform, Git