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Education

University of Waterloo   *Waterloo, ON*
Candidate for BSc - Computer Science & IT Management   *Sep. 2018 - Dec 2022*

- Relevant Coursework: Algorithms and Data Structures, Databases, Combinatorics, Optimization, Linear Models

Skills

Languages: JavaScript, Java, C++, Python, SQL, C, Elixir, Scheme
Technologies: React, TypeScript, Redux, MongoDB, Flask, GCP, AWS, GraphQL, Phoenix, Postgres, Node.js, Cypress

Experience

Taplytics   *Remote*
Software Engineer Intern   *Jan. 2021 - Apr. 2021*

- Combined multiple Taplytics functions into Journeys product launched in beta to RBC, Chick-fill-A, & Grubhub for **managing millions of user engagements**
- Implemented Taplytics JS SDK to Taplytics web platform for smooth launch of Journeys Product
- **Achieved 47ms (35%) reduction** in Journey Editor action load time by refactoring and modularizing Journey nodes to eliminate complete re-renders on each change
- Refactored and updated Cloudfare Workers processing **over 250 million requests daily** with NodeJS
- Spearheaded development of Feature Flag node as part of journeys for easy user life cycle management
My Taplytics Implementation Blog Post | VP.ENG & Manager References Available | Journeys Product Blog Post

Halp   *Toronto, ON*
Full-Stack Developer   *Jan. 2020 - Aug. 2020*

- Created a new course offering, purchasing & delivery section used to deliver courses to **hundreds of students**
- Ideated, designed & built user tool-tips by conducting user interviews and aligning interests of all teams
- Optimized Api Endpoints with GraphQL resulting in **over 50% decrease (2.8s) in dashboard page load times**
- **Increased initial user sign-up by over 25%** by redesigning user sign-up and reducing required fields by 70% using React, & adding social sign-ups.

Royaltymine   *Toronto, ON*
Software Engineer Intern   *May. 2019 - Aug. 2019*

- Created end-to-end responsive, mobile-first web pages **driving over 50% mobile user growth** using React & Node.js
- Optimized search by implementing a debounce function for live results, **reducing search API requests by 55%**
- **Decreased landing page load time by 42.6%** by using immutable data structures, reducing source code, & using higher order components, leading to a **23% increase to initial user retention**
- Designed & Built an analytic dashboard displaying earnings data for artists through chart.js visuals
- **Improved SEO ranking by 70%** by revamping the site hosting infrastructure in GCP and creating a sitemap

Projects

MemeStonk Terminal   *React - Python - Flask*
Terminal for easy market comparisons and discovering trending stocks

- Leveraged Reddit, Twitter, Binance, YFinance, and Finhub APIs to make a Terminal for all stock market research
- Ability to list trending Reddit and twitter Stocks, and view relevant posts
- Quickly compare up to 9 stocks Technically and Fundamentally with heat charts

Amazon Clone - My skills display - View Here | FB Clone - View Here   *React - Firebase - Redux*
Amazon clone with my skills as items, ratings as my proficiency, price as demand

Software Engineer · Swing Trader · Airbnb Host · Financial Mentor · Competitive Cod Player · Life-Long Learner