Martin Chong

CONTACT

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WORK EXPERIENCE

Thousand Plus   January 2020 – January 2024
Full Stack Developer
Software consulting agency working on projects for various clients as well as designing, developing and launching our own product

- Designed and implemented watchlist and customizable screener with over 20+ filter options on both the frontend and backend for a subscription based analyzing tool, processing OHLCV values for 3,500+ assets over multiple timeframes hundreds of times each day. Owned the service from conception to production deployment enforcing robust logging, monitoring, and on-call procedures to ensure 99.9% uptime

- Led the design and development of the email alert backend service which monitored over 1,300+ users and automatically emailed them about first hand stocks, cryptocurrencies & forex pairs analysis tailored to each individual user's preference

- Created and implemented statistical algorithms for efficient and reliable analysis of 3500+ assets generating over 100,000+ custom reports with consistent update base on user feedback

- Designed and developed a custom Discord bot for a trading analysis web application that generates real time alerts to the discord server, leading to over 300% growth in the official discord community

- Leading role in the development of an interactive chatbot for clinical studies and medical research, providing real-time responses to women with heart disease. Collaborated with key stakeholders within the client's organization and other technical/non-technical teams to identify and implement necessary improvements for features, such as an interactive body map to simulate real life messenger applications, as well as a fully searchable library with articles and videos

- Collaborated with web designers to create easy-to-use and modifiable component-based functions for overhauling a travel booking service site capable of handling 5000+ guests. Phased migration from HTML to React unifying our client's Frontend stack that lead to 15% increase in traffic

- Responsible for handling multiple aspects of the Software Development Life Cycle (SDLC), including mentoring junior developers and conducting code reviews. Onboarded junior developers and got them to fit in agile development style within a month

EDUCATION

University of Toronto, Toronto, ON
Hons. B.Sc Computer Science Specialist - Software Engineering Stream

SKILLS & OTHER

Languages Javascript, Typescript, Python, HTML, CSS, SCSS/SASS
Libraries & Frameworks React/Redux, Next.js, Node/Express, Webpack, Material UI, NumPy, Puppeteer
Databases MongoDB, MySQL
Others REST APIs, Git, Atlassian Tools (Jira/Bitbucket), Docker (Compose), Shell, CI/CD