

Garrick Wong

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Projects

Details about Discord image overlay chatbot and custom website can be found at garrickw.com/projects.

Skills & Interests

- 1+ years of experience with Python, C, R, Scheme, Bash, version control (git, bitbucket), build processes (GitHub Actions) and project management (Agile/Jira).
 - 8 months of experience with networking (Ansible, Layers, cloud, protocols), web template automation with Python and Data Intensive Distributed Systems (Pyspark/DataFrames).
 - 8 months of experience QA testing, performing UAT, regression testing, analysis, and documentation.
 - 4 months of experience with Relational database design, (SQL, SQLite/MySQL, SQL Server).
 - 4 months of experience conducting application design (UX, user flow, user needs).
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Work Experience

StingerTech, Web Developer, Toronto

June 2024 – Present

- Designed, assembled, configured and maintained local data centers and remote access solution for small businesses using TrueNAS scale, Scale Plugins, and Wireguard VPN.
- Developed, hosted, and implemented website using Tailwind CSS and Next.js (React + TypeScript)
- Various specialized IT tasks including technology research, system documentation, market analysis, network maintenance, data migration, and data analysis.

Toronto-Dominion Bank, Cloud/DevOps Engineer Co-op, Toronto

May 2023 – Dec 2023

- Developed and implemented Cisco NX-OS data center Ansible web templates (YAML) using Python and Jinja2, automating processes that eliminated manual configuration time for the engineering team.
- Documented SilverPeak and Aruba/ClearPass Zero-Touch Provisioning branch office network solution.
- Underwent Implementing and Administering Cisco Solutions (CCNA) v2.0.
- Version control with Bitbucket.

Toronto-Dominion Bank, Business Systems Analyst Co-op, Toronto

Sep 2022 – Dec 2022

- Wrote scripts to migrate data, variables to Salesforce CRM system (python, Excel macros, PowerShell), completely eliminating manual integration.
- Developed thorough documentation as part of the nCino integration strategy, focusing on data migration.
- Maintained and created clear documentation of migration project via Confluence/Jira, allowing for easier future development and troubleshooting.

ZeMaas Inc, IT Quality Assurance Analyst Co-op, Mississauga

Jan 2022 – Apr 2022

- UAT, regression testing, and ticket management via Jira in 4+ applications in 15+ testing environments.
- Designing 20+ specification plans, containing acceptance criteria, documentation and test cases by setting criteria based on market research, aggregated user data and cost analysis on competing products.
- Contributing to application design by collating research and arranging UX wireframes in Adobe XD.

Toronto Transit Commission, IT Technical Specialist Co-op, Toronto May 2021 – Aug 2021

- Developing equipment failure database (Excel macros and SQL Server). Added and maintained additional device failure rate column with 500+ datapoints, allowing for more accurate diagnostics.
- Devised countermeasures and maintained order for various PC/Server hardware, software, related applications, and peripheral devices, clearing out 10% of the backlog.

Education

University of Waterloo, Bachelor of Mathematics, Kitchener

2019 – 2024

Mathematical Studies, Honours, Co-op
Computing Minor