STANLEY HUANG

UWaterloo 2B Computer Engineering

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Summary of Qualifications

- Programming languages: C++, Java, HTML, Javascript and Linux Bash
- Familiarity with: Python, Powershell, Node.js, React, R and Octave
- Tools and practices: JIRA, Git, VS Code, Eclipse, Bitbucket, Agile, Scrum, Azure, AD, LDAP
- Languages: English, French and Mandarin

Notable Projects

- Encryption/Decryption using dynamic memory allocation and key sorting algorithms (C++)
- Song playlist program using OOP (C++)
- Discord chat bot that replies from a GPT training model (Python, Kaggle, Hugging Face, Google Colab)
- Virtual machine lab system for CyberArk components (Hyper-V)
- Simulations, data visualization and interpretation of exoplanets (R)
- House temperature control system (VHDL and FPGA)

Work Experience

Cybersecurity Developer (Remote)   Toronto, ON
Abliminal, Inc. | *May 2021 - Aug 2021*

- Implemented Azure virtual machine lab environment of cybersecurity solutions components (CyberArk, Sailpoint) for internal testing
- Developed custom interactions with the components to automate business processes using the privileged access solutions Web services API
- Contributed to project planning and business meetings with clients

Software Engineer (Remote)   Montreal, QC
Matrox Electronic Systems Ltd. | *Sep 2020 - Dec 2020*

- Developed and validated functionalities for installation programs in a Windows and Linux environment (C++, Java, Javascript, Node.js, Powershell)
- Used development tools and practices (VS, GIT, Bitbucket, JIRA, Agile, Scrum)
- Participated in code refactoring and team code reviews in different projects

Junior IT Analyst   Toronto, ON
LMC Healthcare | *Jan 2020 - May 2020*

- Reduced service ticket numbers by 20% by creating the LMC IT user self-serve intranet website using Wordpress
- Delivered customer resolution for IT service requests from 10+ clinics
- Detailed knowledge and experience with Active Directory, Group Policy, remote access solutions and software deployment

Education

University of Waterloo   Waterloo, ON
Candidate for BASc in Computer Engineering | *2019 - 2024*

- Key Courses: Algorithms & Data Structures, Systems Programming
- 3.64 GPA
- Activities: *University of Waterloo Residence* Cultural Advisor