Thunder Bird

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Skills

Languages: Python, CSS/SCSS, Javascript, C#, Java, C++, C, AHK, Bash
Software: Adobe Photoshop, Adobe XD, VEGAS Pro, Autodesk Maya, Autodesk 3DS Max, Unreal Engine 4
Tools / Frameworks: Git, Jira, Teamcity, React, Bootstrap, jQuery, Vue.js, Selenium, AWS (Lambda, S3, Dynamo), Node.js, .NET

Experience

small company that I shall not name bc it would be too obvious | *Test Automation Engineer*   *Sep. 2019 – Dec. 2019*
- Managed automated Selenium-based smoke and regression testing throughout a consistent biweekly agile release schedule
- Utilized the AWS Node.js SDK to integrate testing for serverless AWS backend into automation codebase
- Designed and implemented interactive logfile viewer on web dashboard utilizing Adobe XD and React with SCSS
- Enhanced frontend using SCSS to create a responsive mobile layout, eliminating the need for development of a mobile app

NVIDIA | *Game Quality Assurance Tester*   *May 2018 – Aug. 2018*
- Refactored and added enhancements to internal testing programs using C# and Windows Forms
- Automated repetitive portions of existing workflow using Python and AHK, decreasing testing duration by 25%
- Created bash scripts in order to assist in establishing Linux testing procedures
- Utilized the ADB and TegraStats to collect and analyze information pertaining to NVIDIA SHIELD performance

Ultimate Software | *Software Test Engineer*   *Jan. 2019 – Apr. 2019*
- Wrote and maintained versioned C test scripts for HP Virtual User Generator
- Built RESTful web API's utilizing ASP.net and C# in order to automate MariaDB backup and restoration procedures
- Designed new testing workflows with corresponding Jira tasks and Confluence documentation
- Managed Teamcity build configurations to optimize the efficiency of testing multiple issues simultaneously

Projects

Valkyrie | *Modern image gallery hosted on Github Pages with local directory synchronization*
- Designed and implemented a modern responsive website layout utilizing Bootstrap and CSS
- Utilized the Intersection Observer API to facilitate lazy loading, ensuring the image-heavy site still loads quickly
- Created Python scripts in order to monitor directories with notifications sent to the Windows Tray using WXPython

____!Waterloo Website | *University club website emulating the design and functionality of ____*
- Created a modular site framework with Vue.js in order to facilitate future expansion and enhancements
- Designed cohesive club branding and UI elements from scratch in Adobe Photoshop
- Recreated all UI behavior and feedback of the ____ ____ using only CSS transitions and animations

Last Stand Defense | *Java tower defense game*
- Designed custom implementations of Java graphics classes to suit specific needs for visual assets
- Created an object-oriented project structure in order to clearly organize game elements such as towers and mobs
- Automated management of resource directories with Python scripts

Interests

- **Game livestreaming:** Affiliated Twitch.tv streamer, currently focusing on streaming ____ which I play semi-competitively
- **Mechanical Keyboards**: Currently rocking a custom GH60 with Kailh Box Dark Yellow switches and gradient keycaps
- **Music:** Keytar player for __ ___ _____ and affiliated with Touhou circle Plantagenia, formerly a Youtube pianist

Education

University of Waterloo | *Computer Engineering, Co-Op, Candidate for BASc*   *2017 – Exp. 2022*