Jonathan Wang

2A STATISTICS

📞 (415) 578-5856 | ✉ jonathanw.ca@hotmail.com | 🏠 jonathanwang.dev | ⌱ jonwang2000 | in jonathanwang2000

Work Experience

Palette Gear   *Kitchener, ON*
SOFTWARE TESTER   *May 2019 - Aug. 2019*
- Developed error tracking and reporting service in Node.js backend and C++ desktop application
- Engineered integrations for error-reporting service in desktop application and Javascript plugin, creating UI using QML for customer interaction
- Added minidump uploading integration in C++ application for better debugging and error tracking
- Implemented continuous integration service for Node.js backend through Azure Devops and Pipelines
- Manually tested over 700 desktop application scenarios, finding and fixing bugs

Projects

Replacer
REACT.JS, JAVASCRIPT, CSS
- Webapp that dynamically transforms text based on user inputted rules
- Utilized React hooks for state management between components and Material UI for design

Two Player Snake
PYTHON, PYGAME
- Developed classic Snake video game, with singleplayer mode and leaderboard for keeping track of scores
- Implemented multiplayer mode, involving two players competing against each other

Pomodoro
REACT.JS, JAVASCRIPT, CSS
- Clean pomodoro timer with multiple configurable timers and alarm types
- Tracks statistics and presents user with historical information on time spent working and time spent resting

Skills

Languages   Javascript, C++, Python, CSS, HTML5, Scheme
Technologies   React.js, Node.js, Qt/QML, Git, Bootstrap, JQuery

Education

University of Waterloo   *Waterloo, ON*
CANDIDATE FOR BACHELOR OF MATHEMATICS IN STATISTICS   *Sept 2018 - Current*
- **Relevant Coursework**, CS 136 - Elementary Algorithm Design and Data Abstraction — 84%

Other Experience

DECA Ontario, Earl Haig Chapter   *Toronto, ON*
HOSPITALITY ORAL TRAINER   *October 2017 – March 2018*
- Instructed a class of students in business weekly, resulting in 75+% class advancement to provincial stage and one individual to international
- Held one on ones to prepare students for case studies and exams during competitions

Zoom Film Festival   *Toronto, ON*
SECRETARY   *Jan. 2016 – May 2017*
- Secured sponsorships with third parties for funding and other festival resources
- Managed documentation for weekly meetings and contact with sponsors, keeping rest of council informed