Nicholas Westbury

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Bachelor of Computer Science - Software developer

Key Skills

Languages C#, Java, JavaScript/Typescript, Python, Go, C, C++, SQL, PHP, HTML/CSS, Bash
Technologies .NET Core, Docker, NodeJS, ReactJS, React Native, PostgreSQL, MongoDB, Apache, Nginx, Django, Git
Biligual Fluent in verbal and written French

Education

University of Waterloo *Waterloo, Ontario*
Bachelor of Computer Science *September 2015 - June 2019*

Work Experience

Google Inc *Seattle, WA*
Full-Stack Software Engineer *January 2020 - Present*

- Integrated Google's AppSheet with Google's Artifical Intelligence offerings (Gemini) on frontend and backend
- Worked on Google Workspace / AppSheet intergations: Google Drive / Sheets / Forms / Chat / Cloud / Apps Script
- Co-inventor on 4 distinct patents related to novel no-code functionality

AppSheet (Solvebot Inc) *Seattle, WA*
Full-Stack Software Engineer *May 2019 - January 2020*

- Design & developed features for the no/low code developement platform AppSheet: adding undo/redo, adding template support for web hooks, working on the app & web editor
- Customer support rotation, fixed 100s of bugs / issues as reported

Ultimate Software *San Francisco, CA*
Software Engineer Intern *April 2018 - December 2018*

- Supported website survey timeseries and question bank features

Toronto-Dominion Bank Asset Management *Toronto, ON*
Portfolio Analytics Full-Stack Web Developer Intern *August 2017 - December 2017*

- Supported internal portfolio management tools implemented bulk portfolio loading, import tool, administrator session editor

ARB Labs *Niagara Falls, ON*
Python Data Science & Web Developer Intern *January 2017 - April 2017*

- Improved accuracy of image-recognition system called ChipVue to recognize casino chips. Wrote low-level hardware Python extension in C to interface with a camera array

Computer Science Computing Facility (CSCF) *Waterloo, ON*
Python Web Developer Intern *May 2016 - September 2016*

Reinforcement Learning and Artificial Intelligence (RLAI) Lab *Edmonton, AB*
NSERC Undergraduate Research Award Intern *Summer 2013-2015*

- Implemented machine learning for continuous-space search and reinforcement learning algorithms for Roomba shape detection

Hackathons & Projects

2016-2018 **Hack the North**, Winning team 2016/2018 with a weed-detecting and picking robot & VR haptic feedback vest
2009-2014 **FLL/FTC Robotics Team**, Programmed for four-time national champion robotics team