

# Nicholas Westbury

✉ nico@nwestbury.com | 🏠 nwestbury.com | 📱 nwestbury | 📄 nwestbury  
Bachelor of Computer Science - Software developer

## Key Skills

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**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  
**Bilingual** Fluent in verbal and written French

## Education

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### University of Waterloo

BACHELOR OF COMPUTER SCIENCE

Waterloo, Ontario

September 2015 - June 2019

## Work Experience

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### Google LLC

FULL-STACK SOFTWARE ENGINEER

Seattle, WA

January 2020 - Present

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

### AppSheet (Solvebot Inc)

FULL-STACK SOFTWARE ENGINEER

Seattle, WA

May 2019 - January 2020

- Design & developed features for the no/low code development 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

SOFTWARE ENGINEER INTERN

San Francisco, CA

April 2018 - December 2018

- Supported website survey timeseries and question bank features

### TD Bank Asset Management

PORTFOLIO ANALYTICS FULL-STACK WEB DEVELOPER INTERN

Toronto, ON

August 2017 - December 2017

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

### ARB Labs

PYTHON DATA SCIENCE & WEB DEVELOPER INTERN

Niagara Falls, ON

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)

PYTHON WEB DEVELOPER INTERN

Waterloo, ON

May 2016 - September 2016

### Reinforcement Learning and Artificial Intelligence (RLAI) Lab

NSERC UNDERGRADUATE RESEARCH AWARD INTERN

Edmonton, AB

Summer 2013-2015

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

## Hackathons & Projects

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