SEBASTIAN NEGULESCU
2A Computer Science, Honours Co-op

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SKILLS SUMMARY

- Technologies: JavaScript, Node, React, Java, Python, C++, C, C#, HTML, CSS, Git, Linux
- Experience working in an agile environment, using Jira and Bitbucket
- Tenacious work ethic, ramps up easily in new projects and technologies
- Team player with excellent communication, written and verbal

PORTFOLIO

Hackathons
- Hack the North, Waterloo–QueueNA: live questions streaming and polling   Sep 2019
  Firebase, React integration (award winner)
- HackCode, McMaster–web-based rewards for environmental activities   Sep 2017

Software Projects   Aug 2017–Aug 2020
- Created a Tetris variant using JavaScript
- Recreated the game Pong using Python and the PyGame library
- JavaScript Twitch bot using Node.js and Tmi.js to automate chat and moderator tasks
- Created Unity-based storytelling game (C#, Unity, Aseprite)
- Configured Apache II on Raspberry Pi to provide cost-effective web hosting

Built Personal Computer System   Aug 2017
- Selected components on budget (CPU: Ryzen 5 3600x, GPU: GTX 1070, liquid cooling)
- Set-up and configured OS (Windows, Linux), HTTP server (Apache)

EXPERIENCE

Accedo–Software Developer, Connected TV (Intern)   May–Aug 2020
- Resolved defects for SportsNet streaming applications using JavaScript and TypeScript
  - Added SmoothStreaming support and reworked analytics on PS4 application
  - Solved live video deep linking issues on Comcast X1 (Ignite TV) application
- Met with large OEM clients to define project requirements and discuss goals

Sacred Heart CHS, Coding Club–Founder and President   Sep 2018–Jun 2019
- Taught Python to 65 students, 2 contest teams (8 students)–Ontario Semi-finalists
- Coordinated team projects: Twitter bot that reads and tweets game scores

Town of Aurora–temporary positions   Jan 2016–Aug 2018
- Soccer referee: organized games, managed players, parents, and coaches
- Aquatics instructor (volunteer): directed and encouraged participants, ensured safety

Country Day School, Summer Camp–Leader in Training (Volunteer)   Jul–Aug 2016
- Managed participants aged 8–14, organized sports teams and events

Spirit of Math Schools, Aurora franchise–Assistant Teacher   Sep–Dec 2014
- Prepared lessons, provided support to students and teachers

INTERESTS

Competitive programming
Hockey, tennis, swimming

EDUCATION

**University of Waterloo,
Computer Science Honours Co-op
(2019–present)**
- René Descartes National Scholarship
(1% of newly enrolled students)
- President's Entrance Scholarship
- Additional course in ECE: Algorithms
and Data Structures, using C++
- Excellent academic standing

**Sacred Heart CHS, Newmarket,
AP Program (2015–2019)**
- Schulich Leader Nominee 2019
(best STEM student in high school)
- Multiple Distinctions (top 25%) in
Waterloo programming contests
2017–2019
- Member of Ontario Semi-finalist
Team in the ECOO programming
contest 2018–2019
- Multiple Distinctions and Honour
Rolls (top 1%) in Waterloo math
contests 2015–2019
- Athletic Council member 2015–2016

**Shad Canada leadership program
for high achievers, University of
Saskatchewan (July 2017)**
- Best engineering design award
- Shad Ambassador (volunteer):
presented the program, connected
with high school counsellors

CERTIFICATIONS

Lifeguard Society (2018)
- Certified CPR-C, Standard First Aid
- Certified Lifeguard