

Ivan Nesevski

✉ ivan.nesevski@mail.utoronto.ca ☎ 647-978-0494 🌐 github.com/ivannesevski 🌐 ivannesevski.com

SUMMARY

Recent computer science graduate looking to leverage my diverse programming knowledge in a software developer position. Energetic and highly motivated team player with excellent written and verbal communication skills always looking to improve and learn new things.

EXPERIENCE

Software Developer

Spring Air Systems

May 2017 – August 2018

- Fixed bugs and added features on an ASP.NET web application for specification and quoting in response to error reports and user feedback.
 - Maintained a live database and created SQL scripts to automate repeatable tasks.
 - Implemented algorithms using linear algebra and trigonometry to automatically draw blueprints of products from a series of inputs using AutoCAD and C#.
 - Enhanced the air duct modelling web tool using the Three.js JavaScript library to employ 3D controls and revamped the user interface to be more user friendly with HTML and CSS.
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PROJECTS

Bullet Bomber

- Developed a 2D space shooter game for Windows with C++ using the SFML 2.1 library.
- Bomber ships come at the player and must be destroyed before they hit you or get past you.

Hoard Memory Allocator

- Designed and programmed a parallel memory allocator for Linux using C.
- Used ideas from the Hoard paper by Berger et al. to improve the efficiency and scalability of the allocator.

Airline Booking Mobile App

- Programmed an android app for booking and managing flight itineraries with a team of 3 using Java and the Android SDK in Android Studio.
 - Acted as team leader for the project: assigned roles for team members, managed the development of the app by setting deadlines and coordinating meetings, tested the final product to make sure it met all requirements.
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EDUCATION

Honours Bachelor of Science with Distinction in Computer Science

University of Toronto • Toronto, ON • 2019

Relevant Coursework: Calculus I & II, Linear Algebra I & II, Software Tools & Systems Programming, Data Structures & Analysis, Software Design

SKILLS

Programming Languages: C#, C++, C, Python

Tools: Visual Studio, VS Code, AutoCAD, MySQL

Other: SQL, GIT, Subversion, Mercurial, Bash