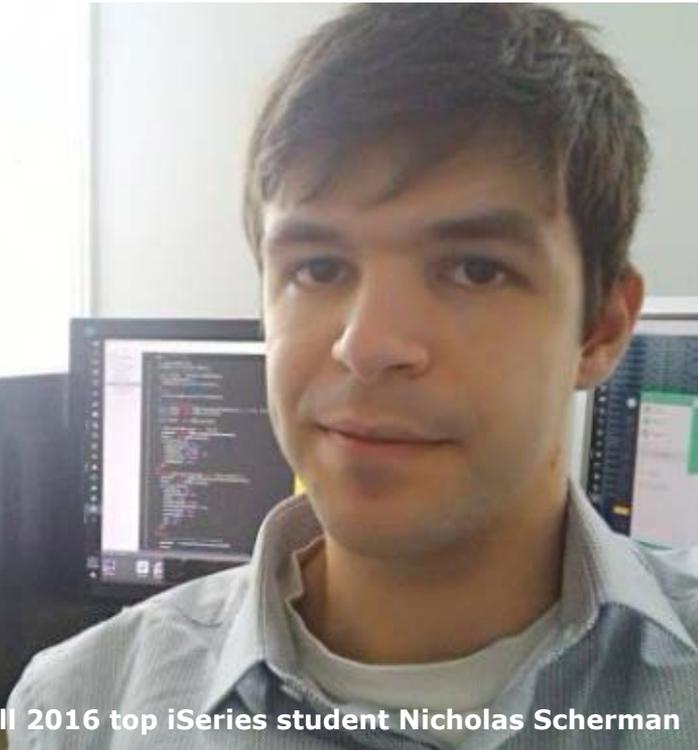# Seneca Update

By Russell Pangborn

Seneca TUG Award

Seneca College draws students from all over the world allowing our Information and Communications Technology students opportunities to work on projects while making friends with individuals from a wide variety of cultural backgrounds. https://ict.senecacollege.ca

Fall 2016 top iSeries student Nicholas Scherman

We also see an assortment of people who came straight out of high school mixing with people who had started out on different career paths.

Nicholas Scherman was initially a tradesperson (welder) who decided to pursue his passion for technology, the internet and coding. He enrolled in 2013 with hopes of being accepted into ICT's renowned co-op program that allows top students to work in the industry for a few semesters that are sandwiched in between the six academic semesters which are required to achieve a diploma.

With a strong academic record in his first two semesters Nicholas had no problem being selected and his first co-op placement was with CIBC. Here he got to work with IBM Websphere and with Java J2EE enhancing the front end and back end in a decisioning engine. His second work term saw him working with Jam3 creating UI/UX for advertising websites with 3D/Webgl and javascript.

Nicholas excelled in his first IBM i subject in the second semester. Since he enjoyed working with the complete business solution provided by the IBM i platform he decided to enrol in a subject where students used LongRange (from LANSA Inc.) and their coding expertise to allow mobile devices access to applications running on an iSeries machine.

All of the students developed original applications and at the end of the semester presented their accomplishment to the class with **Grant Cooper**, from LANSA Inc., present.

The LongRange toolset very easily allows developers familiar with RPG development on the IBM i to quickly create Native Mobile Apps, working with DB2/400, to be published in the respective App Stores, for their Apple, Android and Windows mobile devices.

After seeing the various student presentations, Grant mentioned, "The User Interface for a LongRange Mobile App, can be as simple or as sophisticated as what the business needs, or what the developer can envision. Nick and his project partner, leveraged a Third Party JavaScript Library, called D3JS, to enhance their User Interface with some sharp looking charts and graphs, to provide a visual representation to their DB2/400 data. They definitely went beyond the base requirements of the course project, to leverage LongRange's open architecture, and provide a top-notch finished application."

Nicholas's group had some interesting ideas for their project that would be of interest to our community. So, I asked his group to present at TEC 2017.

Léo Lefebreve, the President of the Toronto Users Group told me, "I am glad to see another Seneca College student qualifying for the Seneca/TUG award. It has been institutionalized for 10 years now and is only awarded to students who stand out demonstrating superior talent and an eagerness to continue the great work already accomplished on the IBM i by our community."

Nicholas and his partner will be presenting their MAP525 application project in a session at TEC 2017 . Please drop by, listen in and offer him your congratulations on his achievement.

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https://scs.senecac.on.ca/program-page/tug-and-seneca-college-iseries-business-application-developer-award