

# Oleksandr Sochka

## Personal Information

email	sasha.sochka@gmail.com
skype	sochka_oo
phone	+1 236 999 79 65
github	<a href="https://github.com/sochka">https://github.com/sochka</a>
linkedin	<a href="https://linkedin.com/in/oleksandrsochka">https://linkedin.com/in/oleksandrsochka</a>

## Education

Sept.'12 – July'16	BSc in Software Engineering with honours; GPA - 4.8 (Ukraine), 3.6 (US) National Technical University of Ukraine "Kyiv Polytechnic Institute".
--------------------	---

## Professional Experience

Jan'17 - current	<b>SDE FTE at Microsoft Corporation</b> (Vancouver, BC, Canada) Working on Windows Digital Ink platform, used by Surface Pen and Ink Workspace. <b>Technologies:</b> C++14, Git, WinAPI, COM, WRL, Windows Runtime.
June'15 - Sept'15	<b>SDE Intern at Microsoft Corporation</b> (Redmond, WA, USA) Implemented Xbox-controller as a mouse API for UWP apps on Xbox. <b>Technologies:</b> C++, WinAPI, COM, C#, WinRT, IPC, Xbox.
Nov'14 - May'15	<b>World Data Center at NTUU "KPI"</b> (Kyiv, Ukraine) As a part of the diploma project, led the development team for the new web platform which allows to build data-driven web-apps. Architected the project and, specifically, the standard package structure and APIs for interactive widgets. Made the app follow "12-factor principles" which allowed flexible deployments in various environments. <b>Technologies:</b> AngularJS, Sails.js, MongoDB, Bower, Protractor, Gulp, ES2015, Travis CI, Heroku, Docker/Dokku, Microsoft Azure.
June'14 - Aug.'14	<b>SDE Intern at Microsoft Corporation</b> (Redmond, WA, USA) Investigated possible solutions for new Win10 Gamepad API. Developed reference implementation for this API, patched underlying drivers, created 3 WinRT demo-apps. <b>Technologies:</b> C, C++, WinAPI, WinRT, COM, WDF, WRL, Xbox, XInput.

## Other

Languages	Python 2/3, Java, Scala, SQL, familiar with Ruby, PHP, Haskell.
Stack Overflow	Contributed over 100 answers, top 10% in C++ tag.
Competitions	Codeforces, TopCoder. Entered top 1000 in Google Code Jam 2012. Placed 101st at Google AI Challenge 2011.
Coursera	Completed over 15, mostly technical courses.
Hobbies	finance, skiing, travelling, history, chess, politics.