Roman Tsegelskyi

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EDUCATION

PURDUE UNIVERSITY
MS in Computer Science
May 2015 |
West Lafayette, IN
Cum. GPA: 3.94/4

NATIONAL TECHNICAL UNIVERSITY OF UKRAINE
BS in System analys
June 2013 | Kyiv, Ukraine
GPA: 3.7 / 4.0

LINKS

Github:// **romantsegelskyi**
StackOverflow:// **Roman Tsegelskyi**
LinkedIn:// **Roman Tsegelskyi**
Twitter:// **Roman-Tsegelskyi**
Personal Page/Blog://
romantsegelskyi.github.io

SEL. PROJECTS

TestR // test generation framework for R
Rjit // Implementation of R with LLVM Jit
Pander // Markdown rendering for R

SKILLS

Proficient in:
Scripting (Perl, Python, Bash) • R • Java • Git
Comfortable with:
Compilers • Swift • Go • C/C++ • C# • DevOps
Familiar with:
React Native • ReactJS • NodeJS • Scala

EXPERIENCE

MICROSOFT
| Software Engineer, Office Engineering
Since June 2015 | Redmond, USA

- Completed initial prototype of SourceDepot (Perforce) to Git migration tool
- Facilitated transition of multiple teams to Git, briefly led the effort
- Ported multiple internal engineering tools to use Git instead of SourceDepot (Perforce)
- Created a prototype for GitBackout (smarter git revert) tool
- Fixed multiple bugs and implemented significant extensions in NMake/MSBuild to XCode converter

PURDUE UNIVERSITY
| Graduate Research Assistant
January 2014 – May 2015 | West Lafayette, IN

- Worked with **Jan Vitek** on **fastR project**
- Main developer of **testR** framework that allows automatic test case generation and filtering for R.
- Presented on **useR 2014** on current state of the project.

NETCRACKER
| Customer Support Engineer
Sep 2012 – May 2013 | Kyiv, Ukraine

- Corporate customer support. Was responsible for support for internal TELUS' projects
- Responsible for assessing and fixing integration defects

GOOGLE SUMMER OF CODE 2014, 2015
| Participant
May 2014 – Aug 2014, May 2015 – Aug 2015 | West Lafayette, IN

- Worked on Pander package for rendering R programming language objects in markdown.
- 70+ merge pull requests with new features, significant re-factoring and optimization.
- All code was reviewed, merged, and released in multiple versions of the package.