Jan Šipr

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EDUCATION

BRNO UNIVERSITY OF TECHNOLOGY

Mgr. in Electronics and Communication

2016–present | Brno, Czech Republic

Bc. in Electronics and Communication

2011–2015 | Brno, Czech Republic
Undergraduate Thesis: Complex lighting system. B.Sc. equivalent.

SKILLS

PROGRAMMING

Language of Choice
Haskell

Used Some Time Ago
C/C++ • Python • VHDL • SQL

Played with
Elm • Scala • PureScript • TypeScript

Touched
PHP • Pascal • Verilog • Java

Scripting
Bash • Make • Python

TOOLS

Graphviz • Inkscape • SoX • Vim
Docker • Git • Darcs • Subversion
GNS3 • Eagle

LINUX

Advanced Use • Administration • Kernel hacking

INTERESTS

Theoretical informatics • Functional Programming • PC Games • PC Game design

REFERENCES

github.com/Siprj

EXPERIENCE

HASKELL DEVELOPER | IXPERTA Solutions s.r.o.

2014–present | Brno, Czech Republic
Working in agile team (2 week sprints) designing and implementing communication integration platform centered around telephony exchange.
- Design & implementation of various APIs and DSLs.
- Prototyping & development of internal tools.
- Open-sourcing reusable components.
- Use of GHC extensions for more safety.
- Occasional infrastructure management (Ansible), packaging (Debian), and help with mobile development (Android).

C/C++ DEVELOPER | Unify Inc.

2011–2014 | Brno, Czech Republic
Working on maintenance of enterprise grade exchange OpenScape 4000.
- Development of new features, bugfixing, and maintenance of existing code.
- Kernel hacking for new HW.
- Continuous development pipeline design.
- Migration from ClearCase to SVN and creation of new build environment.

CERTIFICATES

2016   Cisco network academy Routing and Switching
2011   Driving license class B