NIK KLASSEN

SOFTWARE DEVELOPER

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LANGUAGES

Active use

- Python
- JavaScript/TypeScript
- HTML and CSS
- C++

Past use

- Haskell
- C#
- Java
- SQL

SOFTWARE DEVELOPMENT EXPERIENCE

ZANBATO | Mountain View, CA | Winter 2016
- Improved existing Django views and created new endpoints using a REST framework
- Updated the investment platform's user interface and developed Javascript utility packages
- Worked with the engineering team to improve software architecture and design and encouraged best practices such as using ESLint
- Participated in the hiring process of interns and full-time employees

COHO DATA | Vancouver, BC | Summer 2015
- Developed a search tool using Typescript and AngularJS to allow developers to automatically diagnose build and test failures
- Created a query language using Python to inspect the contents of tarballs created by failures
- Helped other software developers with triaging and diagnosing issues to refine the product to their needs

REDIRON TECHNOLOGIES | London, ON | Fall 2014
- Led a team of students in developing a web dashboard for transaction analysis that built on existing .NET SOAP services
- Prototyped a Jenkins CI build server and created MSBuild files for existing projects

D2L CORPORATION | Waterloo, ON | Spring 2013, Winter 2014
- Developed a UI testing framework to automate regression testing of the learning management system
- Designed and implemented a framework for easily incorporating the NHibernate ORM into feature prototypes

PROJECTS

- Mathematical programming language in Haskell with an AngularJS interface
- POSIX shell in Rust
- Web scrapers in Ruby and PhantomJS
- Testing framework/harness in Ruby
- Project Euler and /r/dailyprogrammer problems in various languages

Other interests include software security and privacy, solving Rubik's cubes, snowboarding, and playing music and games

AWARDS

TERM DEAN'S HONOURS LIST
UNIVERSITY OF WATERLOO
2012 - 2015

PROFESSIONAL ENGINEERS OF ONTARIO CHAPTER SCHOLARSHIP
PEO LONDON CHAPTER
SEPT 2012