

Christopher Poenaru

SOFTWARE ENGINEER · TRIATHLETE · TCK

☎ (+1) 519 616-1421 | ✉ christopher.poenaru@gmail.com | 🏠 www.chrispoenaru.com | 📷 kiambogo | 🌐 chrispoenaru

Skills

Programming Scala, Java, C++, JavaScript, Python
Tools Play, Akka, AWS, Mesos, Marathon, Spark, AngularJS
Databases Postgres, MySQL, ElasticSearch, MongoDB

Education

University of Waterloo

BASC. IN COMPUTER ENGINEERING

Waterloo, Canada

Sept. 2011 - PRESENT

Projects

Trifecta

WATERLOO ENGINEERING CAPSTONE PROJECT

Waterloo, Canada

Nov. 2014 - PRESENT

- Intelligent training assistant, capable of fabricating personalized training plans for athletes
- Automated activity scheduler and route generator to provide safe, enjoyable running and cycling routes
- Microservice architecture built with Scala web services and deployed on AWS-backed Mesos cluster

Scrava

PERSONAL PROJECT

Waterloo, Canada

Sept. 2014 - PRESENT

- Community recognized open-source Scala client for the Strava API
- Actively maintained and updated to reflect live API

Experience

Strava

PLATFORM ENGINEER INTERN

San Francisco, USA

Aug. 2015 - Dec. 2015

- Optimized user characteristics processing with development of Scala service leveraging Spark
- Designed and deployed Spark cluster to production atop of Apache Mesos
- Scaffolded machine-learning service to classify spam posted throughout the site

Gilt Groupe

SOFTWARE ENGINEERING INTERN

New York City, USA

Jan. 2015 - Apr. 2015

- Designed and built a public API with Scala + Play as part of the global redistribution team to provide inventory and catalog information to redistribution partners, increasing global incremental revenue by more than 40%
- Integrated existing Scala services with the warehouse management system using Apache Camel and RabbitMQ
- Aided in migration process to AWS + Docker infrastructure
- Contributed to several community-renowned Gilt open-source projects including APIDoc

Gilt Groupe

SOFTWARE ENGINEERING INTERN

New York City, USA

Apr. 2014 - Aug. 2014

- Engineered service layer application written in Scala with Play, Akka, and Salat (MongoDB)
- Designed and implemented a service for vendor provided images, resulting in reducing vendor on-boarding time
- Constructed an algorithmic process to pass images for editing, resulting in time savings of over 90% per vendor
- Frontend development of Gilt Direct webpage using Play and AngularJS

Morgan Stanley

TECHNOLOGY INFORMATION RISK INTERN

Montreal, Canada

Sept. 2013 - Dec. 2013

- Developed security modules for PingFederate SAML server written in Java
- Integrated Kerberos, SAML, and Siteminder single sign-on solutions
- Designed and programmed web applications using Java, Javascript, NodeJS