



Karel Vuong

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Experience

BlackBerry, Waterloo ON

Product Manager

January 2014 - Present (9 months)

- Led efforts for the rebuild of an enterprise-wide business process management and modelling platform used by over 3,000 active employees.
- Modernized platform's core architecture and technology stack to move away from strictly Oracle based to a three-tiered architecture using AngularJS, Python, MongoDB and Oracle.
- Oversaw seamless and successful migration of over 200 applications from the legacy platform with zero downtime and minimal work disruption in the span of four months.

Innovitas, Toronto ON

Consultant

July 2014 - Present (3 months)

- **Toronto Youth Cabinet** (July 2014 - Present)
 - Launched comprehensive rebranding campaign for the official youth advisory body to the City of Toronto by designing new logo, styleguide, and design material.

1 Million Music Moments, Toronto ON

Digital Director

January 2014 - Present (9 months)

- Defined brand identity across all print and digital mediums: corporate identity, logo, electronic pitch kit, promotional material, sponsor packages, and email campaigns.
- Developed interactive, content driven web application to aggregate musical moments hashtagged with #1MMM on social media websites to produce a dynamic, ongoing feed.
- Oversaw digital outreach by developing concepts with viral potential to drive brand awareness through analytics and content strategy.

Independent, Toronto ON

Designer + Developer

September 2013 - January 2014 (4 months)

- Designed and developed apps for BlackBerry 10 using the Native SDK with the Cascades UI Framework (C++, QT/QML):
 - **cella** (Built for BlackBerry): a home inventory management application that securely stores location, purchase information, and warranty information of possessions in a three-tiered organizational system.
 - **cooler** (Built for BlackBerry): a designer tool that allows colour schemes and palettes to be created using algorithms that perform real-time colour manipulations based on RGB and HSV values.

Education

University of Toronto, Trinity College, Toronto ON

Specialist in Computer Science

September 2011 - Present (Expected: 2016)

- Trinity Entrance Scholarship for avg. of 95%
- Queen Elizabeth II Aiming for the Top Scholarship
- Professional Experience Year

Projects

Casa, Hack the North 2014

- A platform that eases the subletting process for students, co-op workers, and young professionals by offering an intuitive interface to facilitate the posting and searching of temporary housing

Chromegray, Chrome Developer Tools

<http://devthemez.com/themes/chromegray>

- A Chrome Developer Tools theme based on @kkga's Spacegray Sublime Text 2/3 UI theme and @chriskempson's base16 Ocean colour scheme
- Most popular Chrome Developer Tools theme and 12th most downloaded theme among all Sublime Text, Chrome DevTools, Vim, BBEdit, and Espresso themes on devthemez.com

Awards

RBC Royal Bank - Next Great Innovator — Finalist

June 2014

Eli Lilly — Honourable Mention

November 2013

- Received a \$3,000 cash prize for the Clinico solution.

BlackBerry Jam Camp — Participant

September 2013

- Received four BlackBerry 10 devices and limited edition red, developer BlackBerry Z10 device for the Cella app.

Skills

Front End

- HTML
- CSS (SASS + LESS)
- JavaScript (AngularJS + Meteor)

Database

- **RDBMS:**
 - Oracle
 - PostgreSQL
 - MySQL
- **NoSQL:**
 - MongoDB

Back End

- Python (Flask)
- Node.js
- Java
- C++

Mobile

- **BlackBerry 10:**
 - Native + Cascades
 - HTML5 + WebWorks