Chuck Kosman

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📍 Vancouver, BC

Summary

Geology MSc turned web developer. Lifelong STEM educator. Craft beer enthusiast.

Education

MSc Geology

Sept 2013 – Dec 2015
University of British Columbia, Vancouver, BC
Thesis: "Cretaceous mantle of the Congo craton: Evidence from mineral and fluid inclusions in Kasai alluvial diamonds"

BSc Honours Earth Sciences

Sept 2009 – May 2013
McGill University, Montreal, QC
Earth and Planetary Sciences 2013 Valedictorian

Professional Projects

7mesh

Google Analytics | Magento | Netsuite | SASS
High performance cycling apparel
http://shop.7meshinc.com/

Sutton

Angular.js | Bootstrap | Google Analytics | Grunt | jQuery | SASS
Canadian real estate agents and listings
Homebase and Marketing internal applications

TokenPlay

Electron | React | React Native | SASS | Webpack
Crypto powered platform for trading games and virtual assets
Not yet public

AspenClean Services

Hubspot | jQuery | Gulp | SASS
Eco-friendly residential cleaning services serving major Canadian cities
https://www.aspenclean.com/

Sugoi & Sombrio

Drupal 7 | jQuery | SASS | Shopify
Road cycling, mountian biking, and urban riding accessories & apparel
https://www.sugoi.com, https://www.sombriocartel.com

Mountain Conditions Report

Drupal 7 | Gulp | jQuery | PHP | SASS
Recreational outdoor conditions as reported by trained montain guides
http://www.mountainconditions.com/

Earth, Ocean and Atmospheric Sciences

Bootstrap | Drupal 7 | PHP
Featuring feeds, custom theme, and BibTeX publication uploading
https://www.eoas.ubc.ca

Skills

Databases
Firebase
MongoDB
MySQL
PostgreSQL

Development tools
Grunt
Gulp
Postman
Webpack

Frameworks
Angular.js
Bootstrap
Electron
Express
Rails
Redux

Languages
CSS
EJS & ERB
JavaScript
HTML
PHP
Ruby
SCSS/SASS
SQL
Twig

Libraries
Bourbon
Bourbon Neat
Compass
jQuery
React
Vue

Platforms & Services
Drupal
Git & Github
Google Analytics
Google Maps
Hubspot
Node
Shopify

Other
InDesign
Research
Photography
Photoshop
Scientific journalism
Teaching

Employment

Instructor

January 2018 – Present | Lighthouse Labs, Vancouver, BC
Instruction of the part time Front End Fundamentals course, designed to introduce coding newbies to HTML, CSS and JavaScript.
https://lighthouselabs.ca/front-end-javascript

Web Developer

May 2017 – Present | The Jibe Multiamedia Inc., Vancouver, BC
Creation and maintenance of the front ends of eCommerce web applications. Primary frameworks and platforms include Drupal, Shopify, HubSpot, Angular.js, React, anmd Magento.

Museum and Communications Coordinator

Jan 2016 – Jan 2017 | University of British Columbia, Vancouver, BC
Redesigned, redeveloped, and wrote content for the Earth, Ocean and Atmospheric Sciences website on Drupal 7. Editor-in-Chief, designer, photographer, and contributor of the department's annual newsletter. Interim Pacific Museum of Earth Director.

Instructional Skills Workshop Facilitator

April 2015 – Dec 2015 | UBC Centre for Teaching, Learning and Technology, Vancouver, BC
Taught modern university instructional practices to new graduate students.

Educational Programs Coordinator

Oct 2014 – Dec 2015 | Pacific Museum of Earth, Vancouver, BC
Developed and promoted Earth science educational materials for K-12 students. Trained museum volunteers.

Teaching Assistant

Sept 2013 – Dec 2015 | University of British Columbia, Vancouver, BC
Lead 3-hr laboratory sessions on a variety of Earth Science topics. Developed and taught original lesson material.

Publications

Kosman C., Kopylova M., Stern R., Hagadorn J., Hurlbut J. (2016). "Cretaceous mantle of the Congo craton: Evidence from mineral and fluid inclusions in Kasai alluvial diamonds." Lithos, 42–56 (265).
dx.doi.org/10.1016/j.lithos.2016.07.004