

# COLE BOOTHMAN

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coleboothman.com

## EMPLOYMENT

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**EncoreFX** – [www.encorefx.com](http://www.encorefx.com)

**Software Developer, Intern**

**May 2018 – Aug. 2018**

Foreign Exchange and International Payments Platform

- Designed and Implemented user profile page to show account metadata and important information
- Created funding interface to allowing users to filter, view and select transactions for payment
- Increased UI Test Coverage via Jasmine unit tests for front end components and Selenium E2E tests
- Implemented address form to validate user address input when creating and updating user beneficiaries
- Built new API endpoint and front end service to pull user permissions upon user login for verification of foreign exchange deal creation
- Created CI Pipeline Dashboard for displaying current builds, recent build statistics, test coverage and various metadata. Developed web scraper to pull CI data and update build statistics every 15 minutes

**Workday, Inc.** – [www.workday.com](http://www.workday.com)

**Software Development Engineer, Intern**

**Sept. 2017 – April 2018**

Media Cloud Services

- Developed service for aggregating statistics on video tracking and resuming video from last played duration
- Created prototype Docker Container for video processing service. Container used to optimize local development and simplify onboarding process
- Built Chrome Extension to enhance and improve log retrieval and search from log aggregation service Kibana
- Increased Product Test coverage by 10% through Selenium E2E functional and integration tests

**Natural Resources Canada** – [www.nrcan.gc.ca/home](http://www.nrcan.gc.ca/home)

**Software Engineer, Intern**

**Jan. 2017 - April 2017**

National Forest Information Systems

- Redesigned and developed UI for users to view Forestry Maps and Forest Ecology metadata of Canada
- Migrated new and existing forest and map data into SQL server databases
- Participated in code review to discuss and ensure quality, efficiency and security of code being deployed
- Wrote front end unit tests to verify logic of redesigned map application

## EDUCATION

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**University of Victoria – British Columbia, Canada**

**Sept 2013 – Dec 2018**

- *Engineering B.Sc. of Computer Science – Software Engineering Option*

## TECHNICAL EXPERIENCE

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- **Android App Market Analysis** (Fall 2018). Data mining and extraction of Kaggle Dataset consisting of metadata from 10,842 Google Playstore apps. Python; Pandas; Scikit-learn;
- **BattleSnake Programming Competition** (Spring 2016, 2017). Programing Competition for the classic 'Snake' arcade video game. Placed in top 15 of 50+ teams both years. Python

## LANGUAGES AND TECHNOLOGIES

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- Java; Python; JavaScript; HTML; CSS; Git; - **Experienced (2 years)**
- C++; C#; TypeScript; Selenium; Angular; Jasmine; Docker; Jenkins; - **Adequate (< 1 year)**
- Knockout; Bash; VueJS; Linux; Mac; Windows;