Marko Prodanovic

Software Developer

Vancouver, BC

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Education

UBC Vancouver

Sept 2014 - April 2019

Bachelor of **Media Studies,**
Minor in **Computer Science**

Skills

Programming Languages

JavaScript (ES6), TypeScript, Python, HTML, CSS

Libraries & Frameworks

React, Node.js, Express, Mocha, Pandas, ffmpeg-python

Tools & Design

MongoDB, Git/GitHub, Adobe Premiere, Adobe Photoshop, Figma, Tableau

Relevant Coursework

> Intro to Software Engineering

> Software Construction

> Advanced Relational Databases

> Intro to Artificial Intelligence

> Algorithms and Data Structures

> Definition of Programming Languages

> Human Computer Interaction Methods

> Intro to Computer Systems

Relevant Experience

Data Analyst, Media Specialist @ UBC Sauder

Mar 2020 - Present

> Designed and programmed the Sauder Automated Video Branding Tool. The tool auto-edits instructional videos submitted by faculty (to their specification) to help with the huge need for copy-right-safe video content during COVID-19. It has processed over 300 instructional videos for UBC since September 2020.

> Built a data collection interface with Python (and the Panopto SOAP and REST API) to collect and clean data from the Panopto video platform for research and analytics purposes.

> Organizer for the 2020 UBC Learning Analytics Virtual Hackathon. Worked on a lot of the starter code (Node.js, React) and instructional materials.

Student Learning Analytics Developer @ UBC Sauder

Jan 2019 - Mar 2020

> Worked on Python scripts to clean and collect data from the Canvas API

> Built a Python script and interactive dashboards to help faculty keep track of student progress in their course ("Module Progress" on portfolio)

> Presenter for the UBC Learning Analytics Group on Tableau and Canvas integration

Web Developer Volunteer @ The Ubyssey

Sept 2016 - Dec 2016

> Worked with full stack web development tools such as Django, SQL and jQuery

> Worked in team setting with other devs and stakeholders using tools/techniques like version control (Git) and code reviews to ensure quality and timeliness

Personal Projects *(see them on my GitHub)*

Splitbot

A Discord bot I wrote using JS so my friends and I could split the cost of meals. We can invoice each other on the Splitwise app by typing commands in our Discord chat like: **!split 20.30 marko hiro** (which would charge me and my friend Hiro $10.15 each).

Yuki Postal Service (YPS)

YPS is a retro "album tracking service" created for New Zealand based musician *Yuki,* to generate excitement around an upcoming album. It was designed to resemble the postal tracking services of the mid-2000s. Clicking on the timestamps will play samples.