Marko Prodanovic
Software Developer

Vancouver, BC

marko.prodanovic@outlook.com

markoprodanovic.com | **github.com/markoprodanovic**

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, Jupyter Notebook, Pandas

Tools & Design

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 @ UBC Sauder
Jan 2020 - Present

- Overseeing and maintaining automated data collection and cleaning processes
- Delivering data insights through visualizations, dashboards and reporting done using Jupyter Notebook and Tableau
- Built a tool that lets faculty submit a video along with a branding specification and within a few hours, receive a custom branded version of their content. The tool has processed and delivered over 800 instructional videos for UBC since September 2020.
- Collaborated with the media team on building a custom solution to programatically schedule over 6000 lecture recordings over 4 months, during the September 2021 return to campus. Used Python and SOAP and REST API for Panopto video platform
- Used Panopto video platform SOAP and REST APIs, Python scripts for making API calls and collecting and processing data from various learning systems.
- Organizer for the 2020 UBC Learning Analytics Virtual Hackathon

Student Learning Analytics Developer @ UBC Sauder
Jan 2019 - Dec 2019

- Built Python scripts to clean and collect data from the Canvas API
- Developed interactive dashboards using Plotly and Tableau
- Presenter for the UBC Learning Analytics Group (https://blogs.ubc.ca/lava/about-lava/)

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 using systems like version control (Git) and code reviews to ensure quality and timeliness

Personal Projects

Napp
https://not-applicable.netlify.app/

A just-for-fun, not-applicable application (or "napp"). This site is where I create tools and widgets to explore programming and design concepts.

GitHub Issue Explorer
https://github-issue-tracker-mp.netlify.app/

A tool for exploring GitHub issues in a repo. Paste in a GitHub repo URL to see all issues. Filter by open, closed and pull requests..