Caitlin Coyiuto

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EXPERIENCE

CubeRover | Front-End Developer
PITTSBURGH, PA, USA | SEP 2019 - PRESENT

- Involved in a space rover project that has an expected launch date of 2021, and has a $79.5 million NASA funding.
- Assisting in developing the main map UI components for the rover's ground interface using D3.js and Vuex.

Visual Cognition Lab | Front-End Developer
VANCOUVER, BC, CANADA | MAY 2018 - JUL 2019

- Lead conversion and redesign of the existing Java codebase to utilize modern web frameworks such as Node.js, D3.js and JsPsych.
- Implemented visualization experiments currently being run on participants today.

Multimodal UX VR Lab | Research Assistant
VANCOUVER, BC, CANADA | SEP 2018 - APR 2019

- Second author in CSCW 2019 publication investigating asynchronous VR collaboration.
- Implemented new design solutions using Unity, C# and the HTC Vive.
- Performed usability studies and thematic content analyses.

SAP | Jam Extensions & Platform Developer Intern
VANCOUVER, BC, CANADA | SEP 2017 - APR 2018

- Supported the introduction of bot workflow into Jam Messages by implementing OData API entities and endpoints using Ruby on Rails.
- Developed new webhooks for Jam-specific events and Jam Messages chat bots with integration to JIRA and the SAP LMS system.

EDUCATION

Carnegie Mellon University,
School of Computer Science,
Master of Human-Computer Interaction
AUG 2020

University of British Columbia,
B.CS in Computer Science
MAY 2019 | GPA 3.80/4.00, DEAN'S LIST

Wellesley College,
B.A in Neuroscience, Minor in Music
MAY 2016 | GPA 3.61/4.00, CUM LAUDE

SKILLS

Libraries/Frameworks

Node.js	Vue	JQuery
D3.js	React	

Languages

Javascript	HTML/SCSS	PHP
Java	C/C#/C++	SQL
Ruby	Python	R

Tools/Environment

Git	Unity	Unix
Rails	MATLAB	

Design

Photoshop	InVision
Indesign	Figma