

# CAITLIN COYIUTO

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## EXPERIENCE

- AUG 2019  
- PRESENT
- Front-End Developer**  
CubeRover | Carnegie Mellon University, USA
- Involved in a cross-disciplinary 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 and localization UI components for the rover's ground interface using D3.js, Vue/Vuex, Javascript and HTML/SCSS.
- MAY 2018  
- JUL 2019
- Front-End Developer**  
Visual Cognition Lab | University of British Columbia, Canada
- Led 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.
- SEP 2018  
- APR 2019
- Research Assistant/Developer**  
Multimodal UX VR Lab | University of British Columbia, Canada
- Published as second author in CSCW 2019 paper investigating asynchronous VR collaboration.
  - Implemented new design solutions using Unity, C# and the HTC Vive.
  - Performed usability studies and thematic content analyses.
- SEP 2017  
- APR 2018
- Platform Developer Intern**  
SAP | Vancouver, Canada
- 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.
- MAY 2014  
- MAY 2016
- Research Assistant**  
Affective Dysregulation Lab | Wellesley College, USA
- Tested participants using behavioral and neurophysiological (electroencephalography [EEG]) measures.
  - Compiled and organized behavioral and EEG data.
  - Assisted in developing protocols for EEG data processing.

## 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

## AWARDS

**Student Library Award for Independent Study**  
MAY 2016 | Wellesley College

**Inducted into Sigma Xi as Associate Member**  
MAY 2016 | Wellesley College

**Science Center Summer Research Award**  
MAY 2015 | Wellesley College