CAITLIN COYIUTO

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EXPERIENCE

SEP 2020 - PRESENT

Front-End Developer
Amazon Web Services | Vancouver, Canada

- Assisting in building new UI features in React and Typescript, utilizing Jest for testing.
- Implemented middleware to fetch and write to AWS S3 buckets in a Node.js Express service.
- Integrated client side metrics by leveraging AWS API Gateway, Cloudwatch and Lambda.

AUG 2019 - AUG 2020

Front-End Developer
Iris Rover | Carnegie Mellon University, USA

- Involved as a UI developer on the Tele-Operations team for a lunar rover's ground interface. This rover has an expected launch date of 2021, and will fly aboard an Astrobotic lander.
- Assisting in developing the interface's main map and 'point-of-interest' dashboards 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.

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.

EDUCATION

Carnegie Mellon University,
School of Computer Science,
Master of Human-Computer Interaction
AUG 2020 | GPA 4.12/4.50

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	React	Jest
D3.js	Vue	Express

Languages

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

Tools/Environment

AWS	Git	Unity
Rails	MATLAB	Unix

Design

Photoshop	Figma
Indesign	InVision

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