

# Julia Olmstead

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## EDUCATION

### Dalhousie University

Halifax, Nova Scotia

Bachelors of Applied Computer Science, Minor in Entrepreneurship and Innovation

July 2022

Certificate: Marketing | Certificate: Entrepreneurship and Innovation

- Cum.GPA: 3.55, Dean's List and Sexton Scholar
- CSCI 2110:** Data Structures and Algorithms (**Java**), **CSCI 3130:** Software Engineering (**Kotlin, Java**), **CSCI 3691:** Intermediate Projects (**Next.js, Firebase, JavaScript**)
- 2020 Treasurer of the Dalhousie Computer Science Society, Alpha Gamma Delta 2018 VP Philanthropy

## SKILLS

**Programming:** Java, Python, PHP, Javascript, Swift, Kotlin, C#, HTML5, CSS

**Databases:** MYSQL, SQL, MariaDB, HanaDB

**Tools:** Unity, IntelliJ, Git, PyCharm, PHPStorm, VirtualBox, NMap, Wireshark, Android Studio, Microsoft Office, Linux, SAP: Frun, Hana

**APIs:** jQuery, JUnit

**Frameworks:** React, Next.js

**Design Skills:** UI design, UX design, AR Filter Design, Illustrations, Storyboarding, 2D Game Assets, Wireframing, Mobile App Design, Web App Design, Website Design, 3D design

**Design Tools:** Photoshop, Illustrator, Clip Studio Paint, InDesign, Adobe Acrobat, Adobe XD, Blender, Adobe Sketch, Figma, Procreate

## HIGHLIGHTED PROJECTS AND WORK EXPERIENCE

### IBM Canada and Kyndral Canada

Bedford, Nova Scotia

Junior Technical SAP BASIS Consultant

May 2021 - present

- Conducted basic configuration including business monitoring set up and technical system configuration, which ensured utmost security protocols were followed.
- Resolved agent issues with app, databases, infrastructure, and service center delivery competencies.
- Designed and implemented a new hire onboarding site with W3 Publisher for the Frun team to create technical downloads, timelines, checklists, courses and badges.
- Winner of the Social Award during the 2021 Be(e) Innovative Challenge which consisted of using social media to promote involvement in our intern community events, and translated into further engagement from other interns.

### Dalhousie University

Halifax, Nova Scotia

Head Teaching Assistant

September 2019 - April 2021

Head TA: Designing User Interfaces (2021) with Dr. Derek Reilly; Head TA: Web-Centric Computing (2020) with Professor Patrick

Crysdale; TA: Introduction to Information Security (2019) with Dr. Israat Haque.

- Instructed self-created lab lectures as well as a guest lecture on UI/UX Design and Design Basics that incorporated tools such as Procreate, Photoshop, Clip Studio Paint, Figma, and Plot.io for upper year students which resulted in over 70% of the class considering UI/UX post undergrad.
- Created, taught, and evaluated 100+ lab & participation assignments weekly which involved python scripting, password hacking, accessibility, server logs, Terminal, HTML, CSS, NMAP, Python, WireShark, Virtual Box, and UI/UX for websites, apps and IoT devices.
- Meticulously read through code from over 100 lab and assignment submissions bi-weekly for accessibility purposes and testing which often were done in React, Node.js, JS, jQuery, HTML, CSS, and PHP.

### Peer Ledger

Halifax, Nova Scotia

Junior UI/UX and Graphics Designer

September 2017 - August 2019

- Conducted user experience research and user studies for downstream & upstream UI for supply chains.
- Created magazine and social media ads that were printed on 1000+ brochures and featured in CIO Outlooks.
- Presented with the lead programmer at the launch of the SaaS, Mimosi, a Blockchain track and trace product.
- Created SVG logos and icons in Adobe CC Suite and Clip Studio Paint.

### uMi - European Innovation Academy

Cascais, Portugal

CSCI 4194 Special Topics

Summer 2018

- Co-Founded a Tech Start-up for European Innovation Academy and placed in top 30 of 100 companies.
- Created a tech solution using Swift and xCode which allows community members to connect and ask for help within a geo-location.
- Designed the UI/UX of the app, marketing materials as well as generated 3000+ pre-sales.
- Generates individual maps, creates community bubbles, filtered posts based on preferences and tags

### Hackathons and Projects

April 2020: 2nd Place Winner | Diversity and Inclusion, Shift Key Labs

February 2020: Participant | Hack:Now - Cal Hacks, University of Berkeley + Remote.

Global Game Jams: 2017 Game: **Selkie**; 2018 Game: **Data Loss**; 2021 Game: **Sock Search**