

Jack Hu

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⚙ Skills

Languages Java, Python, C/C++, JavaScript, Ruby, Go, JSON, HTML, CSS/SASS, SQL, PHP

Technologies Git, Node, REST, React, Redux, Vue, LWC, Laravel, Firebase, MongoDB, Express, Heroku

🎓 Education

University of Waterloo

Software Engineering | 3.9 GPA

2019 - Present

Waterloo, ON

📈 Experience

Heroku

Software Engineer Intern

In Progress

San Francisco, CA

Salesforce

Software Engineer Intern

Septemeber 2021 - December 2021

San Francisco, CA

- Scoped and planned features for a content authoring tool to be used by teams all across Salesforce, eventually to be released to customers
- Designed and mocked UI and UX concept endorsed by senior engineers
- Developed content authoring tool using **LWC** in 5 weeks, unblocking numerous teams ahead of schedule
- Organized and led testing blitz which resulted in ~30 implemented points of improvement
- Drafted, recorded and published various training materials used by all teams while authoring content
- Brought up concerns and led discussions which resulted in reconsideration of fundamental product architecture

Digital Extremes

Full Stack Developer Intern

January 2021 – April 2021

London, ON

- Constructed anniversary microsite with **HTML/JQuery + Laravel/MySQL** with dynamic account statistics recap, directly causing #Warframe to trend in *Twitter's top 20*
- Architected, implemented and documented system to automate frontend and backend modifications for quarterly product releases resulting in *90% reduction* in development time
- Created variations on landing page, conducted A/B tests resulting in *4% improvement* to player signup rate
- Built new account page in HTML/SASS by combining 6 pages to 1, greatly streamlining all UX flows
- Devised and wrote **Vue** microsite with Laravel for hosting patch notes, saving community managers hours per update on forum posts

Desire2Learn (D2L)

Full Stack Developer Intern

May 2020 – August 2020

Toronto, ON

- Built a new full-stack web app with **React/Redux + Express/MongoDB** to greatly enhance D2L's reach
- Implemented the MVC pattern in a **RESTful** API backend
- Envisioned and implemented a minimal responsive UI/UX for the web app
- Automated **CI/CD** using Github Actions and Heroku to minimize deployment and testing time
- Balanced server load with **PM2 clustering**, reducing request times by an *average of 15%*

🔧 Projects

SpaceX Story

- A React/Redux web app displaying SpaceX launch and landing info using an open-source REST API

Flex Smart Mirror

- A Smart Mirror using React + Electron app on a Raspberry Pi for UI, with OpenCV facial recognition and IBM Watson voice assistant