

Nandan Patel

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SKILLS

Languages C, C++, HTML, CSS, Java, JavaScript, TypeScript, Python, Swift
Frameworks GIT, SwiftUI, React, Angular, SASS, Next.js, TailwindCSS

SOFTWARE PROJECTS

Swift Front-End IOS Application *SwiftUI, Swift, XCode, Cocoapods, Combine, JSON*

- Designed an IOS application focused on the design of the user interface
- App integrated design principles involved in common user interface elements (such as buttons) and interactions (gestures, and animations) into a well-designed, useable application

Full-Stack Web App *JavaScript, HTML, CSS, PUG, Express, MongoDB, REST*

<https://github.com/nandanjp/Full-Stack-App.git>

- Built a full-stack website utilizing a NodeJS backend with a server-side rendered template for the front-end
- Application was a complete website using Express as a backend framework and MongoDB as the website's database, which was accessed through a custom REST API

Front-End Web Dev *HTML, CSS, SASS*

<https://github.com/nandanjp/CSS-Flexbox.git>

- Designed, programmed, and deployed complete front-end applications through CSS and SASS
- Created to learn and develop ability to create visually appealing user interfaces that could be utilized in a full web app

PROFESSIONAL EXPERIENCE

Teacher

Jul 2019 - Aug 2022

Kumon, Calgary, Alberta

- Guided, assessed, and developed mathematical, language and reading proficiency skills in students aged 5-18
- Built rapport with students to cater to individual learning and worked on building fundamental, intermediate, and advanced mathematical and language concepts
- Assisted in the marking of students work and in providing guidance when needed (especially in explaining theoretical concepts)

Teacher Helper

Jul 2020 - Aug 2020

Launchpad Learning, Calgary, AB

- Built rapport with 7 students developing programming proficiency in Python
- Guided students through fundamental programming concepts and demonstrated their implementation in Python
- Provided several coding challenges to showcase understanding and provide practical use cases for programming
- Ensured to supply students with extensions to fundamental programming ideas (such as using these skills to create applications)

AWARDS

Student Honour Roll *May 2022*

University of Waterloo

Awarded recognition in the student honour role for the **Euclid Contest** offered by the University of Waterloo.

Top 25 *Feb 2022*

University of Waterloo

Awarded a certification of distinction for placing within the top 25 in the **Canadian Computing Competition** offered by the University of Waterloo.

EDUCATION

Bachelor of Engineering Software Engineering

Sep 2022 - Apr 2027

University of Waterloo, Waterloo, ON