Nicholas Ficara

Software Engineer

Nicholas Ficara
Ottawa, Canada

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Skills

- Programming - Backend, Frontend (Web & Mobile), Desktop
    - (JS/TS, React, HTML, CSS, C++, Python)
- Unit, Integration & Verification testing
    - (Jest, Enzyme, Selenium, CI/CD)
- Photo Editing (Photoshop, GIMP, Lightroom)
- Video Editing (After Effects, Resolve, Kdenlive)
- 3D modeling (Blender, Fusion360)

Education

Nepean High School
2018 - Present, Ottawa, Canada

I am currently in grade 12. I have completed both ICS2O and ICS3U (computer science) with a 100% average.

Experience

Avenda Health - SWE Intern
2021 - Present, Santa Monica, Remote

Software engineering intern at Avenda Health. Roles include supporting iterative improvement of the Avenda Health software platform, improving unit/integration testing and writing documentation.

Clocktower Pub - Kitchen Assistant
2021 - Present, Ottawa, Canada

Roles include preparing food and portioning ingredients.

Clubs/Sports

3D printing club
September 2018 - Present, Ottawa, Canada

I co-founded the 3d printing club at Nepean High School. We meet every week on Mondays over lunch to work on and print models.

Karate
August 2009 - Present, Ottawa, Canada

I have been practicing karate for 11 years. I hold the rank of 1st Kyū.

NHS Frisbee
September 2018 - Present, Ottawa, Canada

I play frisbee for the Nepean Knights.

Volunteering

Computer Science Peer Tutor
December 2020 - Present, Ottawa, Canada

I volunteer every week to help my fellow peers in computer science class.

Programming workshops
August 2020 - Present, Ottawa, Canada

I have presented several workshops at hackathons on various topics such as APIs, React and Git.

Volunteering With Seniors
December 2019 - Present, Ottawa, Canada

I spend time with seniors at a retirement residence weekly.

Achievements

- Computer Science and History subject award
- Silver Medal
    - Highest award possible for a 90% and above average
- Several completed projects available on my website
- Shulich Leader Nominee of Nepean High School

Hackathons (Weekend programming competitions):

- UOttaHack Google Cloud Competition Winner (2021)
- HackTheNorth finisher (2021)
- MariHacks Top 5 finisher (2020)
- MariHacks Top 3 finisher (2019)
- MariHacks CAE Competition Winner (2018)

Personal Skills

- **Positive Attitude**
    - I always see the positive aspect of things.
- **Team Worker**
    - I like to work in teams and accomplish tasks collectively.
- **Leadership**
    - I like guiding a team to success. I have taught junior karate and I led my 3D printing club.
- **Fast Learner**
    - I am good at teaching myself new things.
- **Working under pressure**
    - I work very well under pressure and I am ready to be challenged.
- **Quadrilingual**
    - Conversational English, French, Italian, Portuguese. Reading and writing in English and French.