# Аму Ни

1B Computer Engineering

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**SKILLS** 

Languages Java, C/C++, Python, HTML, CSS, JavaScript, Haskell

Frameworks Swing, Hexo

Others Java Network Programming, 3D Modeling, Live2D Modeling

Prototyping STM32 Nucleo, Arduino

Tools Git, GitHub, ŁTFX, VSCode, IntelliJ Idea, Eclipse, Blender, Nomad Sculpt, Live2D Cubism

**EXPERIENCE** 

Jun 2020

### Software and Curriculum Developer, RICHMOND HILL, HATCH CODING

Feb 2020 > Developed games to teach kids coding.

- > Completed several projects either by myself or collaborated with other colleges.
- > Used JavaScript and/or Python for each project.
- > Wrote descriptions and explanations on how and why the programs work certain way.

Python JavaScript

## PROJECTS

PERSONAL WEBSITE AND BLOG FEB 2020 - PRESENT

github.com/trotyl15/trotyl-home & trotyl.xyz & blog.trotyl.xyz

- -Self taught HTML and CSS to create the website which includes my past projects and informations about myself.
- -The blog is based on the Hexo framework and I add custom designs using JavaScript and CSS.
- -Deployed using Github page and hosted on Vercel and Cloudflare.

HTML CSS JavaScript Hexo

### THE MADHOUSE ADVENTURE GAME

DEC 2019 - JAN 2020

github.com/trotyl15/themadhouse

-An adventure game written in Java.

-Designed, coded, and drew the illustrations of the game all by myself.

Java Swing

#### LOCAL AREA NETWORK CHATTING PROGRAM

DEC 2020

github.com/trotyl15/chatclient

- -Built the client side of the local network chatting program.
- -Users can see a list of users online, talk to all of them, and send private messages to individuals.

Java Socket Swing

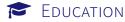
MUSIC PLAYER PROGRAM DEC 2020 - JAN 2021

github.com/trotyl15/dubertunes

-A local music player that can transfer files between clients using Java socket.

-The users can add/remove music, sort music by date/alphabet, has a floating window version, and can transfer files between Web clients.

Java Socket Swing



Apr 2026 | University of Waterloo, 1B COMPUTER ENGINEERING, Candidate of Bachelors of Applied Science

Sep 2021 Relevant Courses: Fundamentals of Programming, Engineering Profession, Practice and Communication in the Engineering Profession