

# Jay Nguyen

Software Engineering Student



## EXPERIENCE

- **Euno Financial** May 2017 - Present  
Full-Stack Developer Intern
  - Assisted in the migration of existing codebase from [Meteor](#) to [React](#)
  - Developed front-end features of [euno.financial](#) using [CSS](#), [HTML](#), and [Javascript](#)
- **Fiat Chrysler Automobile** Summers 2013 - 2015  
Summer Student
  - Analyzed vehicular parts and data for [quality assurance](#)
  - Assisted in the creation and construction of automobiles in specialized teams



## PROJECTS

- **GhostShip** 2017
  - A Virtual Reality theatre utilizing [peer-to-peer](#) streaming via [Node.js](#) libraries such as [socket.js](#)
  - Supports movie sync capabilities such as [synchronized pause and play](#), and [clock drift correction](#)
  - Front-end was built with the [Unreal Engine](#)
- **CUDA Image Processor** 2017
  - Image processor for .ppm files utilizing [NVIDIA's CUDA](#) for [parallelization](#)
  - Previous iterations utilized [OpenMPI](#) and [OpenMP](#) for [multi-threading](#) and [memory communication](#).
- **FitnessApp** 2016
  - Measures fitness levels through user data
  - Tracks run routes via [Google Maps](#)
- **Bombberman** 2015
  - Programmed in [Java](#) using [object oriented](#) principles.
- **HelpMeOut** 2014
  - A database and search service for students using [data structures](#) and [algorithms](#).



## MISC

- **[jaynguyen.me](#)**
  - Personal website



## CONTACT



[jaynguyen.me](#)



[nguyej48@mcmaster.ca](mailto:nguyej48@mcmaster.ca)



289-684-9982



[github.com/jj-nguyen](#)



## EDUCATION

### McMaster University

Bachelor of Engineering, Software  
2013 - Present



## LANGUAGES

Java, Javascript  
C, C#, C++  
MATLAB, SQL  
Python  
HTML, CSS



## TOOLS

Git, Slack  
Visual Studio, Eclipse, LaTeX, Vim  
AutoCAD, Adobe Illustrator  
Windows, Linux



## FRAMEWORKS

React, Node.js,  
CUDA, OpenMPI, OpenMP



## INTERESTS

**Gaming:** DOTA, RPG's, DnD

**Music:** Pianist

**Arts:** Plastic Models, Painting

**Recreation:** Tennis, Swimming,  
Rock Climbing

**Tech:** Space