



# Hung Nguyen

- PROGRAMMER/DESIGNER -

## CAREER GOAL

To gain experience by working with and learning from professionals about algorithms, machine learning, and just about anything related to technologies.

Date of birth: 09 April, 1998  
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## PROJECTS

### GAME DESIGNS | 08.2012-04.2016

ZYMOSIS (2013) | BLOCKHOLE (2014) | WOE (2016)

Uses C# and GML. Compatibility across Windows/Android/iOS

Features/Uses organic amoeboid movement emulation, linear and angular physics emulation, and multivariable integrals

### RESEARCH/DEVELOPMENT | 10.2013-04.2015

INDEPENDENT ROBOTIC IMAGE-BASED STEERING (IRIS)

Detects a single-lane road to steer a robotic model

Features image processing (Gaussian filters, Canny, Sobel, non-maximum suppression, Hough transform, thresholding)

### APP DEVELOPMENT | 09.2016-CURRENT

GUESSTIMATE

A trivia educational game built from C# Xamarin

## EDUCATION

### GENERAL | 08.2012-06.2016 | VALEDICTORIAN

HARMONY SCHOOL OF SCIENCE | SUGAR LAND, TX

GPA: 4.0 UW | 4.39W ACT: 36/36 PSAT: 219/240

Relevant Courses: Game Programming and Design (C#) | Independent Study in Tech Apps (C#) | AP Computer Science (Java)

### COMPUTER SCIENCE | 09.2016-06.2020

STANFORD UNIVERSITY | PALO ALTO, CA

Relevant Courses: Introduction to Computing | Programming Abstractions in C++ (Accelerated), Computer Organization and Systems (Spring 2017), Intro to Probability for Computer Scientist (Spring 2017)

## SKILLS

C# (.NET)



Other skills:

Java | C++



• MS Office Suite, Adobe Photoshop/Premiere, paint.NET

GML



• 85-110 WPM

Perl | easyC



• Familiarity with Windows, Linux, and OSX

## LANGUAGES



## PERSONAL QUALITIES

- Attention to detail
- Creative within strict procedural restraints
- Hard-working
- Driven, motivated, and ambitious
- Patient
- Curious

## INTERESTS



GRAPHIC DESIGN



CULTURAL IMMERSION



ADVENTURE