

Quang Duong

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EDUCATION

The University of Texas at Austin

Expected Graduation: May 2019

- Bachelor of Science in Computer Science
- Bachelor of Science in Mathematics
- Major GPA: 4.0 | Overall GPA: 3.9381

- Turing Scholar Honors Program
- Part of the Freshman Research Initiative
 - Computational Intelligence Stream

Courses Taken

- Discrete Mathematics (Honors)
- Data Structures (Honors)
- Vector Calculus (Honors)

Courses Enrolled

- Computer Architecture (Honors)
- Differential Equations (Honors)
- Linear Algebra (Honors)

SKILLS

Programming

- Proficient in Java
- Familiar with Python, C, Unix Systems
- Exposed to C++, HTML/CSS, Javascript, jQuery, MATLAB/Octave

Other Skills

- Proficient in Vietnamese

PERSONAL PROJECTS

jSenpai (Java)

- General purpose Java library implementing neural networks and backpropagation
- Used to reconstruct logic gates (XOR, AND, OR, NOT) as examples

Turbulent Giggle (Java)

- Used Thalmic Labs' Myo Armband for gesture controlled Tetris
- Won 3rd Place in National Instruments Rapid Prototyping Competition at HackTX 2015

Eval (Java)

- Parses and evaluates simple mathematical equations via reverse polish notation
- Supports variables and basic functions

ACTIVITIES

Undergraduate Machine Learning (UML)

November 2015 – Present

- Foster ability in machine learning topics ranging from supervised to reinforcement learning
- Attend workshops to develop and hone skill while discussing recent advances

Electronic Game Developer Society (EGaDS)

August 2015 – Present

- Polish and obtain game development and teamwork skills
- Accumulate experience and build portfolio with locally hosted game jams

Association for Computing Machinery (ACM)

August 2015 – Present

- Develop interview ability and algorithmic thinking in a community of peers
- Participate in competitive programming workshops and competitions

COMMUNITY INVOLVEMENT

Tu Bi Foundation

2011 – Present

- Raise over \$2000 biannually for education and housing in rural Vietnam

Houston Food Bank

Summer 2014

- Package food and essentials for distribution to hungry relief charities