# 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
  • **Turing Scholar Honors Program**

**Courses Enrolled**
  • Discrete Mathematics (Honors)
  • Data Structures (Honors)

## SKILLS

**Programming**
  • Proficient in Java
  • Exposed to Python, C++, HTML/CSS, Javascript, jQuery, MATLAB/Octave

**Other Skills**
  • Proficient in Vietnamese

## PERSONAL PROJECTS

**Neural Network**
  • Feeds forward inputs and backpropagates given a set of expected outputs

**Eval**
  • Parses and evaluates simple mathematical equations via reverse polish notation
  • Supports variables and basic functions

**Path Finding**
  • Supports hexagon and standard Cartesian grids
  • Implements A*, and the Cartesian grid has Jump Point Search optimization

## ACTIVITIES

**Information and Systems Security Society (ISSS)**                    August 2015 − Present
  • Foster ability in cybersecurity, cryptography, and other fields in information security
  • Attend workshops to test skills and knowledge learned

**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

**Microsoft College Code Competition**                                  September 2015
  • Placed 4th in a timed competition for all skill levels
  • Worked in a three person team to complete various programming tasks

## COMMUNITY INVOLVEMENT

**Tu Bi Foundation**                                                    2011 − Present
  • Raise over $2000 biannually for education and housing in rural Vietnam

**Houston Food Bank**                                                    Summer 2014