Quang Duong

[http://quangmire.github.io] [duongquang1@gmail.com] [http://github.com/quangmire] [(832) 335 − 4818]

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

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

Other Skills
- Proficient in Vietnamese

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