

Quang Duong

<http://quangmire.github.io> | duongquang1@gmail.com | <http://github.com/quangmire> | (832) 335 – 4818

EDUCATION

The University of Texas at Austin

- Bachelor of Science in Computer Science
- Bachelor of Science in Mathematics

Expected Graduation: May 2019

- **Turing Scholar Honors Program**
- Part of the Freshman Research Initiative

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

jSenpai (Java)

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

Turbulent Gigggle (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

Path Finding (Java)

- Uses A* optimized by Jump Point Search
- Searches for the shortest path twice as fast as a regular A* implementation

ACTIVITIES

Information and Systems Security Society (ISSS)

- Foster ability in cybersecurity, cryptography, and other fields in information security
- Attend workshops to test skills and knowledge learned

August 2015 – Present

Electronic Game Developer Society (EGaDS)

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

August 2015 – Present

Association for Computing Machinery (ACM)

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

August 2015 – Present

Microsoft College Code Competition

- Placed 4th in a timed competition for all skill levels
- Worked in a three person team to complete various programming tasks

September 2015

COMMUNITY INVOLVEMENT

Tu Bi Foundation

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

2011 – Present

Houston Food Bank

- Package food and essentials for distribution to hungry relief charities

Summer 2014