

Quang Duong

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Education

The University of Texas at Austin

August 2015 – May 2019

- BS Computer Science (**Turing Scholar**)
- BS Mathematics
- GPA: N/A (Freshman)

Courses Taken

- 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:
 - Feed forward inputs and backpropagate 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 had Jump Point Search optimization

Activities

Information and Systems Security Society (ISSS)

- Foster ability in cybersecurity, cryptography, and other fields in information security

Electronic Game Developer Society (EGaDS)

- Polish and obtain game development and teamwork skills

Association for Computing Machinery (ACM)

- Develop interview ability, algorithmic thinking, and build a community with peers

Microsoft College Code Competition

- Placed 4th in team competition (2015)

Community Involvement

Tu Bi Foundation

2011-Present

- Raise money for education and housing in rural Vietnam

Houston Food Bank

Summer 2014

- Collect, sort, and ship food to areas of poverty