

Binh T. Tran

(832) 692-3703 | o.otuto@gmail.com

EDUCATION

University of Houston College of Natural Science and Mathematics

Houston, Texas

Bachelor of Science in Computer Science; Minor in Mathematics

May 2018

GPA: 3.51/4.00

Dean's List

Relevant Coursework: Data Structures and Algorithms, Operating Systems, Software Engineering and Design, Database Management

WORK EXPERIENCE AND PROJECTS

Metropolitan Transit Authority of Harris County

Houston, Texas

IT Intern

May 2017– August 2017

- Responsible for gathering troubleshooting issues and summarizing them into a weekly report for management.
- Did frontend work on ASP pages and end-user app testing for Bluetooth beacon project for the visually impaired.
- Added floor plans of bus transit centers to google maps for route navigation.
- Helped push installations for Windows OS upgrade and troubleshoot problems for users.

NSF Research Experience for Undergraduates

Houston, Texas

Summer Research Program

June 2016 – August 2016

- Designed and developed a JavaFX prototype using research knowledge to simulate flow visualization fields from vector plots and perlin noise.
- Research involved large data processing to create accurate and intuitive visual trends which dealt with terrain, meteorology, and fluid dynamics.
- Wrote weekly status reports, technical diagrams, and flowcharts.
- Worked with research dealing with computer graphics and scientific data visualization using OpenGL

Data Analytics in Student Hands

Houston, Texas

Web App Developer

May 2015 – August 2015

- Developed apps for non-profit organization *Harris Health* to service Community Health Workers for navigating healthcare systems, enroll in certification training classes, and seek medical assistance resources.
- Communicated with clients on UI designs, functionality, and data management.
- Designed the front end using AngularJS and SASS.
- Performed automated and manual unit testing with Jasmine and Karma

LEADERSHIP & DEVELOPMENT

Asian Student Business Association

Houston, Texas

Webmaster

January 2015 – May 2016

- Optimized page content and website performance by changing WordPress plugins, cache plugins, and deleting external links.
- Organized fundraising events such as bake sales to fund networking events and scholarships.
- Practiced public speaking and communication abilities.

ADDITIONAL INFORMATION

Programming Languages: Solidity, Java, C++, Javascript, JSP, NodeJS/Express, React, Jasmine, Python, MySQL

Interests: Public Speaking, Networking, Volunteering,